Oil Tank Closure Report

Cluster 12

Cornell-Dubilier Electronics Superfund Site OU2 South Plainfield, NJ

Prepared For:

U.S. Army Corps of Engineers

USACE Contract Number - W912DQ-04-D-0023
Task Order # 0005
Operating Unit 2

Prepared By:

Sevenson Environmental Services, Inc. 2749 Lockport Road Niagara Falls, New York 14305

August 1, 2007
Revision 1



Cornell Dubilier Electronics Superfund Site, OU-2 333 Hamilton Blvd. South Plainfield, New Jersey Contract No. W912DQ-04-D-0023 TO: 0005 Cluster 12 - Oil Tank Closure Report

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Disposal Facilities

Cornell Dubilier Electronics Superfund Site, OU-2 333 Hamilton Blvd. South Plainfield, New Jersey

Contract No. W912DQ-04-D-0023 TO: 0005

Cluster 12 - Oil Tank

Tank Closure Report

1.0 Description

The Cornell-Dubilier Electronics Superfund Site (the Site) is located at 333 Hamilton Boulevard in the Borough of South Plainfield, Middlesex County, New Jersey. The Site consists of approximately 26 acres including the Hamilton Industrial Park, contaminated portions of the Bound Brook adjacent to and downstream of the industrial park, and contaminated residential, municipal, and commercial properties in the vicinity of the former Cornell-Dubilier Electronics Corporation, Inc.

properties in the vicinity of the former Cornell-Dubilier Electronics Corporation, Inc. (Cornell-Dubilier Electronics) facility. The Site contains numerous subdivided buildings, numbered 1 through 18, <u>sub-divided into 12 clusters</u>, some of which are currently used by several commercial and light industrial operations. Site buildings are shown on the drawings. The Site is bounded by the Lehigh Valley

Railroad to the northeast, Factory Street to the southeast, Spicer Avenue to the southwest, and by Hamilton Boulevard. The area is a busy, heavily developed mixed use neighborhood.

The developed portion of the facility (the northwestern portion) comprises approximately 45 percent of the total land area and contains buildings, a system of catch basins to channel storm water flow, and paved roadways. Several of the catch basins drain into a storm water collection system whose outfalls discharge at various locations along Bound Brook. The other 55 percent of the property is predominantly vegetated. The central part of the undeveloped portion is primarily an open field, with some wooded areas to the northeast and south, and a deteriorated, partially paved area in the middle. The northeast and southeast boundaries consist primarily of wetland areas adjacent to Bound Brook, which flows from the eastern corner

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across the northeastern border of the undeveloped portion of the facility.

Cornell-Dubilier Electronics operated what is now the Hamilton Industrial Park from 1936 to 1962, manufacturing electronic components including capacitors. Polychlorinated biphenyls (PCBs) and chlorinated organic degreasing solvents were used in the manufacturing process. Based on historic site practices, portions of the Site have the potential to be contaminated with asbestos, lead, mercury, PCBs, TCE and dechlorination products, and other constituents of potential concern (COPCs).

Cluster 12 consisted of a twenty seven (27) foot diameter by thirty (30) foot high fuel oil storage tank. The tank was a single walled steel tank, approximately 3/8" thick. The tank foundation consisted of a 9" thick un-reinforced concrete slab supported by 15" thick unreinforced concrete foundation walls, approximately four and a half (4-1/2') feet deep about the perimeter of the tank. The tank was in good condition showing no signs of deterioration on the side or top of the tank. No visible signs of leakage or stained soils were noticed during demolition of the tank. The tank was vented from the top access hatch and was found to contain no liquids inside. A side access hatch was opened during investigation of the tank and air monitoring was performed.

The tank had been previously decommissioned by the property owner, DSC of Newark Enterprises, Inc (DSC). DSC had utilized L & L Oil Service, Inc. to drain oil (#6 oil and sludge) from the tank and dispose of the oil. This decommissioning occurred in August of 1990 under NJDEP ID # NJC 876005489. Information regarding the amount of oil/sludge removed from the tank prior to the tank decommissioning, disposal manifest, or the disposal/recycling facility was not made available to Sevenson. Appendix A contains documentation from the original tank decommissioning.

2.0 Air Monitoring

Air monitoring consisted of real time particulate air monitoring for respirable dust. <u>Photo</u> <u>Ionization Detection (PID)</u> monitoring for <u>volatile organic compounds (VOC's)</u>, <u>Low</u>

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Deletted: The tank foundation consisted of a 9" thick slab supported by 15" thick foundation walls, approximately four and a half (4-1/2") feet deep about the perimeter of the tank. The tank was in good condition showing no signs of deterioration on the side or top of the tank. No visible signs of leakage or stained soils were noticed during demolition of the tank. The tank was vented from the top access hatch and was found to contain no liquids inside. A side access hatch was opened during investigation of the tank and air monitoring was performed. ¶

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Explosive Limit (LEL), hydrogen sulfide (H2s), carbon monoxide (Co), and Oxygen were conducted as applicable. Personnel breathing zone samples were collected for polychlorobiphenyls (PCB's) and lead. No readings above action levels were noted. Procedures and details on breathing zone samples collection and action levels can be found in the Site Safety and Health Plan. Results of the air monitoring and method utilized can be found in Appendix B.

3.0 Asbestos Removal

Prior to any actual demolition activities being performed, approximately 3 cubic yards of asbestos pipe insulation required removal from an exterior pipe. Sevenson subcontracted the asbestos abatement to PAL Environmental Safety Corp. 11-02 Queens Plaza South, Long Island City, New York. Assessment Resources & Technologies, Inc. (ART), 111 John Street – Suite 538, New York, New York, performed third party air monitoring/sampling during the asbestos removal. ART air monitoring results and the asbestos certificate of disposal can be found in Appendix C.

4.0 Sampling

A tar like substance was noted on the interior wall surface of the tank and approximately two (2) inches of solids was noted on the floor. Samples of the tank wall material and solids were gathered and sent out for TCLP analysis. The tar like substance and solids were gathered over several areas through out the tank and composited into two single samples, one tar and one solid. The samples were analyzed at Wastestream Technologies, in Buffalo, New York. Results indicated that both the tank wall and solids exhibited PCB contamination greater than 50 ppm. The tar like substance could not be removed from the steel tank wall, so it was decided to dispose of the steel tank as PCB contaminated material exhibiting contamination greater than 50 ppm. The interior solids were manually collected, shoveled into drums, and ultimately disposed with the steel tank. Sampling and analysis were performed in accordance with the approved site Sampling and Analysis Plan. Results of the tank sampling can be found in Appendix D.

5.0 Tank Foundation

A thirty six (36) inch water main was noted in the area of the tank and utility location mark out and magnetometer readings indicated that the main existed underneath the tank. Test pits were excavated on either side of the tank (north and south) to locate the main, determine the depth of foundations, and gather samples of concrete for disposal purposes. The foundation was found to be approximately four and a half (4-1/2) foot in depth and approximately eight (8) inches above the 36" main. Concrete samples were gathered and sent for analysis. Concrete results indicated the concrete foundation could be disposed as non-hazardous debris.

6.0 Waste Profiles

Waste Generator/ Hazardous Waste Determination Certification sheets and profile sheets were prepared for the two waste streams, non-hazardous debris and PCB material (PCB material) exhibiting contamination greater than 50 ppm. The non-hazardous debris profile was for disposal at Solid Waste Services/ Pioneer Crossing Landfill located at 2650 Audubon Road, Audubon, PA 19403. The PCB material was profiled for disposal at CWM Chemical Services, LLP, 1550 Balmer Road, Model City, NY 14107. Waste Generator sheets, profiles, and LDR Notifications can be found in Appendix E.

Upon completion of the test pit backfilling, the steel tank was demolished by use of a Komatsu PC 300 backhoe with a shear attachment. The tank steel was sized to less than six (6) foot square and placed into two steel roll-off boxes. Freehold Cartage, Inc. of Freehold, NJ was contracted to transport the material to CWM Chemical Services, LLP. The tank steel and solids weighed 19.76 tons. Copies of the manifests and Certificates of Disposal can be found in Appendix F.

7.0 Foundation Wall Removal

Due to the proximity of the foundation wall to the 36" water main, it was determined by all parties, USEPA, USACE, and Sevenson, that the best course of action would be to saw cut the slab and foundation walls to eliminate vibration on top of the main thus

reducing risk of damage to the main. Sevenson excavated along side of the tank foundation and contracted CTI Cutting Technologies, 101 Washington Avenue, Gloucester City, NJ 08030 to perform saw cutting of the tank slab and foundations. Soil excavated was placed on the saw cut slab for later backfilling, upon removal of the foundations. Water was present approximately four (4) foot below grade. Water was pumped to a 21,000 gallon capacity "frac" tank during below grade work activities. Upon completion of the saw cutting, the concrete was excavated and transported and disposed at Solid Waste Services/ Pioneer Crossing Landfill. The concrete material weighed 72.45 tons and was transported by All Jersey Express Co., Inc., Delaware Valley Contractors, Inc, and Agliano Brothers Trucking. Copies of the bill of ladings can be found in Appendix G.

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8.0 Levels of Protection

The levels of protection utilized during the work consisted of level C <u>personal protective</u> <u>equipment (PPE)</u> for the tank solids removal and test pit excavation and level D modified PPE for all of the remaining work. Modified D PPE consists of tyvek suits, Nitrile gloves and latex boots. Level C PPE consists of modified level D PPE plus full-face respirator.

9.0 Backfilling

The area was graded utilizing the excavated material and proof rolled with a ten (10) ton roller. Kennon Surveying surveyed the sub-grade and the area was backfill with dense graded aggregate (DGA) stone. Sixty seven (67) tons of DGA was utilized for backfilling the tank area. The DGA was compacted to 95% of the maximum density as presented in ASTM D 1557. Compaction testing was performed by Sor Testing Laboratories, Inc. 98 Sand Park Road, Cedar Grove, New Jersey. Prior to the installation of stone, a non-woven geotextile was place on the proof rolled grade. The DGA was then covered with three (3) inches of bituminous asphalt pavement, surface course mix, I-4. Asphalt was placed on April 11, 2007, completing the physical aspect of the work order. Compaction results are presented in Appendix H. The tank demolition permit is presented in Appendix I.

10.0 Progress Photographs

Progress photographs were taken through out the work and can be found in Appendix J.

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Deleted: Cornell-Dubilier Electronics operated what is now the Hamilton Industrial [Park from 1936 to 1962, manufacturing electronic components including¶ capacitors. Polychlorinated biphenyls (PCBs) and chlorinated organic¶ degreasing solvents were used in the manufacturing process. Based on historic site practices, portions of the Site have the potential to be contaminated with asbestos, lead, mercury, PCBs, TCE and dechlorination¶ products, and other constituents of potential concern (COPCs).¶
Previous studies and evaluations which are listed in paragraph: Information¶ Resources document the presence of hazards at the site including the¶ presence of large amounts of asbestos, metals, PCB containing lighting¶ SECTION 01110 Page 2¶ Cornell-Dubilier Electronics Superfund Site - OU2¶ ballasts and transformers and capacitors and other hazardous substances which must be abated and / or removed prior to demolition of the site¶ buildings. A tabulation of existing site building information can be found¶

Appendix A

Original Tank Decommissioning Data

JAN-13-2001 22:08

P.02

DS C of Newark Enterprises, Inc.

NEWARK, NEW JERSEY 07105

(201) \$68-4200 FAX # 201-578-6845

August 7, 1990

MB. Jean Dennes M. J. D. E. P. FAX # 609-633-1454

Dear Jean:

This letter is a request for a temporary ID# for clean-up of #6 oil and sludge, X725 Waste, located at our South Plainfield plant, 133 Bamilton Boulevard, South Plainfield, N. J. 07080.

Contractor for the clean up will be:

8 a.D Environmental Services, Inc. Two Gomet Lane Edison, M. J. 08837 Phone # 201-549-8778

Wasta will be disposed of at:

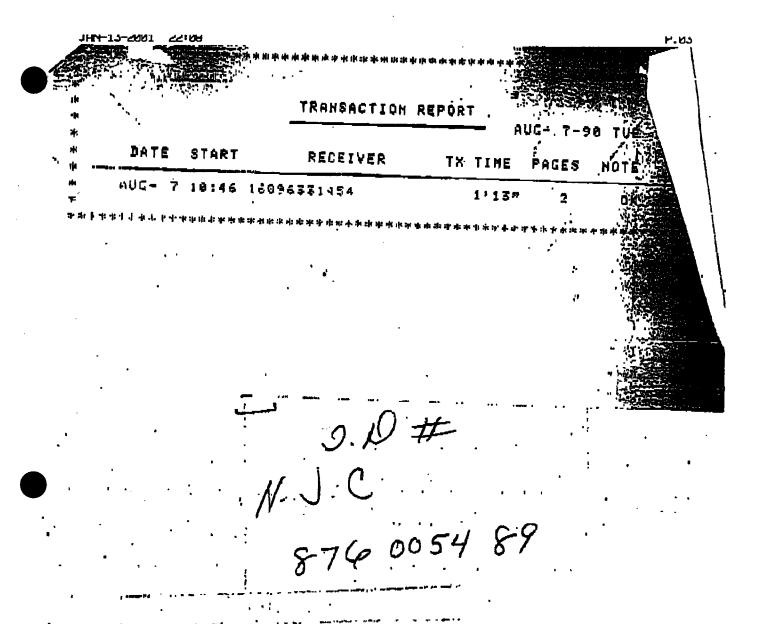
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Very truly yours,

DEC OF NEWBEK ENTERPRISES, INC.

Lester Pae Plant Manager

LP:pjk



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L. & L. OJL SERVICE, INC. D.E.P. & E.P.A. Approved 740 Lloyd Road ABERDEEN, NEW JERSEY 07747 (201) 568-2785

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L. & L. OIL SERVICE, INC. D.E.P. & E.P.A. Approved 740 Lloyd Road ABERDEEN, NEW JERSEY 07747 Tel: (201) 566-2785 • Fax: (201) 583-4604

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Appendix B Air Monitoring Results

mixture: C₁₂H_{10-x}Cl_x

[where x = 1 to 10]

MW: ca. 258 (42% CI; C₁₂H₇CI₃);

ca. 326 (54% CI; C₁₂H₅CI₅)

CAS: Table 1

RTECS: Table 1

METHOD: 5503, Issue 2

EVALUATION: PARTIAL

Issue 1: 15 February 1984

Revision #1: 15 August 1987 Issue 2: 15 August 1994

OSHA: 1 mg/m3 (42% CI);

0.5 mg/m³ (54% CI)

NIOSH: 0.001 mg/m³/10 h (carcinogen) ACGIH: 1 mg/m3 (42% Cl) (skin)

0.5 mg/m3 (54% CI) (skin)

PROPERTIES: 42% CI: BP 325 to 366 °C; MP -19 °C;

d 1.38 g/mL @ 25 °C; VP 0.01 Pa (8 x 10⁻⁵ mm Hg;

1 mg/m³) @ 20 °C

54% CI: BP 365 to 390 °C; MP 10 °C;

d 1.54 g/mL @ 25 °C; VP 0.0004 Pa (3 x 10⁻⁶ mm Hg; 0.05 mg/m³) @ 20 °C

SYNONYMS: PCB; 1,1'-biphenyl chloro; chlorodiphenyl, 42% Cl (Aroclor 1242); and 54% Cl (Aroclor 1254)

SAMPLING

SAMPLER: FILTER + SOLID SORBENT

(13-mm glass fiber + Florisil,

100 mg/50 mg)

FLOW RATE: 0.05 to 0.2 L/min or less

VOL-MIN:

1 L @ 0.5 mg/m³

-MAX: 50 L

SHIPMENT: transfer filters to glass vials after sampling

SAMPLE

STABILITY: unknown for filters;

2 months for Florisil tubes [1]

BLANKS:

2 to 10 field blanks per set

ACCURACY

RANGE STUDIED:

not studied

BIAS:

none identified

OVERALL PRECISION (\$,T): not evaluated

ACCURACY:

not determined

MEASUREMENT

TECHNIQUE:

GAS CHROMATOGRAPHY, ECD (6 3Ni)

ANALYTE:

polychlorobiphenyls

DESORPTION:

filter + front section, 5 mL hexane; back

section, 2 mL hexane

INJECTION

VOLUME:

4-µL with 1-µL backflush

TEMPERATURE-INJECTION:

250 to 300 °C

-DETECTOR: -COLUMN:

300 to 325 °C 180 °C

CARRIER GAS: N₂, 40 mL/min

COLUMN: glass, 1.8 m x 2-mm ID, 1.5% OV-17/1.95%

QF-1 on 80/100 mesh Chromosorb WHP

CALIBRATION:

standard PCB mixture in hexane

RANGE:

0.4 to 4 µg per sample [2]

ESTIMATED LOD: 0.03 µg per sample [2]

PRECISION (\$.): 0.044 [1]

APPLICABILITY: The working range is 0.01 to 10 mg/m3 for a 40-L air sample [1]. With modifications, surface wipe samples may be analyzed [3,4].

INTERFERENCES: Chlorinated pesticides, such as DDT and DDE, may interfere with quantification of PCB. Sulfur-containing compounds in petroleum products also interfere [5].

OTHER METHODS: This method revises methods S120 [6] and P&CAM 244 [1]. Methods S121 [7] and P&CAM 253 [8] for PCB have not been revised.

REAGENTS:

- 1. Hexane, pesticide quality.
- Florisil, 30/48 mesh sieved from 30/60 mesh. After sieving, dry at 105 °C for 45 min. Mix the cooled Florisil with 3% (w/w) distilled water.
- 3. Nitrogen, purified.
- 4. Stock standard solution of the PCB in methanol or isooctane (commercially available).*
 - See SPECIAL PRECAUTIONS.

EQUIPMENT:

- 1. Sampler: 13-mm glass fiber filter without binders in a Swinnex cassette (Cat. No. SX 0001300, Millipore Corp.) followed by a glass tube, 7 cm long, 6-mm OD, 4-mm ID containing two sections of 30/48 mesh deactivated Florisil. The front section is preceded by glass wool and contains 100 mg and the backup section contains 50 mg; urethane foam between sections and behind the backup section. (SKC 226-39, Supelco ORBO-60, or equivalent) Join the cassette and Florisil tube with PVC tubing, 3/8" L x 9/32" OD x 5/32" ID, on the outlet of the cassette and with another piece of PVC tubing, 3/4" L x 5/16" OD x 3/16" ID, complete the union.
- 2. Personal sampling pump, 0.05 to 0.2 L/min, with flexible connecting tubing.
- 3. Tweezers.
- Vials, glass, 4- and 7-mL, with aluminum or PTFE-lined caps
- Gas chromatograph, electron capture detection (⁶³Ni), integrator and column (page 5503-1).
- 6. Volumetric flasks, 10-mL and other convenient sizes for preparing standards.
- 7. Syringe, 10-µL.

SPECIAL PRECAUTIONS: Avoid prolonged or repeated contact of skin with PCB and prolonged or repeated breathing of the vapor [9-11].

SAMPLING:

- 1. Calibrate each personal sampling pump with a representative sampler in line.
- 2. Break the ends of the Florisil tube immediately before sampling. Connect Florisil tube to Swinnex cassette and attach sampler to personal sampling pump with flexible tubing.
- 3. Sample at an accurately known flow rate between 0.05 and 0.2 L/min for a total sample size of 1 to 50 l
 - NOTE: At low PCB concentrations, the sampler was found to be efficient when operated at flow rates up to 1 L/min, for 24 hours [4]. Under these conditions, the limit of detection was 0.02 µg/m³.
- 4. Transfer the glass fiber filters to 7-mL vials. Cap the Florisil tubes with plastic (not rubber) caps and pack securely for shipment.

SAMPLE PREPARATION:

- 5. Place the glass wool and 100-mg Florisil bed in the same 7-mL vial in which the filter was stored. Add 5.0 mL hexane.
- In a 4-mL vial, place the 50-mg Florisil bed including the two urethane plugs. Add 2.0 mL hexane.
- 7. Allow to stand 20 min with occasional agitation.

CALIBRATION AND QUALITY CONTROL:

- 8. Calibrate daily with at least six working standards over the range 10 to 500 ng/mL PCB.
 - Add known amounts of stock standard solution to hexane in 10-mL volumetric flasks and dilute to the mark.
 - b. Analyze together with samples and blanks (steps 11 and 12).
 - c. Prepare calibration graph (sum of areas of selected peaks vs. ng PCB per sample).
- 9. Determine desorption efficiency (DE) at least once for each lot of glass fiber filters and Florisil used for sampling in the calibration range (step 8). Prepare three tubes at each of five levels plus three media blanks.
 - a. Remove and discard back sorbent section of a media blank Florisil tube.
 - b. Inject known amounts of stock standard solution directly onto front sorbent section and onto a media blank filter with a microliter syringe.
 - c. Cap the tube. Allow to stand overnight.
 - d. Desorb (steps 5 through 7) and analyze together with working standards (steps 11 and 12).
 - e. Prepare a graph of DE vs. µg PCB recovered.
- Analyze three quality control blind spikes and three analyst spikes to ensure that the calibration graph and DE graph are in control.

MEASUREMENT:

- 11. Set gas chromatograph according to manufacturer's recommendations and to conditions given on page 5503-1. Inject sample aliquot manually using solvent flush technique or with autosampler.
 - NOTE 1: Where individual identification of PCB is needed, a procedure using a capillary column may be used [12].
 - NOTE 2: If peak area is above the linear range of the working standards, dilute with hexane, reanalyze and apply the appropriate dilution factor in calculations.
- Sum the areas for five or more selected peaks.

CALCULATIONS:

- 13. Determine the mass, μg (corrected for DE) of PCB found on the glass fiber filter (W) and in the Florisil front (W₁) and back (W♭) sorbent sections, and in the average media blank filter (B) and front (B₁) and back (B♭) sorbent sections.
 - NOTE: If W_b > W/10, report breakthrough and possible sample loss.
- 14. Calculate concentration, C, of PCB in the air volume sampled, V (L):

$$C = \frac{(W + W_f + W_b - B - B_f - B_b)}{V}, mg/m^3.$$

EVALUATION OF METHOD:

This method uses 13-mm glass fiber filters which have not been evaluated for collecting PCB. In Method S120, however, Aroclor 1242 was completely recovered from 37-mm glass fiber filters using 15 mL isooctane [8,13,14]. With 5 mL of hexane, Aroclor 1016 was also completely recovered from 100-mg Florisil beds after one-day storage [1]. Thus, with no adsorption effect likely on glass fiber filters for PCB, 5 mL hexane should be adequate to completely extract PCB from combined filters and front sorbent sections. Sample stability on glass fiber filters has not been investigated. Breakthrough volume was >48 L for the Florisil tube at 75% RH in an atmosphere containing 10 mg/m ³ Aroclor 1016 [1].

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- [15] Hutzinger, O., S. Safe, and V. Zitko. <u>The Chemistry of PCBs</u>, CRC Press, Inc., Cleveland, OH (1974)

METHOD REVISED BY:

James E. Arnold, NIOSH/DPSE; S120 originally validated under NIOSH Contract 210-76-0123.

Table 1. General Information.

Compound	CAS	RTECS
Polychlorinated Biphenyls	1336-36-3	TQ1350000
Chlorobiphenyl	27323-18-8	DV2063000
Aroclor 1016 (41% CI)	12674-11-2	TQ1351000
Aroclor 1242 (42% CI)	53469-21-9	TQ1356000
Aroclor 1254 (54% CI)	11097-69-1	TQ1360000

Table 2. Composition of some Aroclors [15].

Major Components	Aroclor 1016	Aroclor 1242	Aroclor 1254
Biphenyl	0.1%	<0.1%	<0.1%
Monochlorobiphenyls	1	1	<0.1
Dichlorobiphenyls	20	16	0.5
Trichlorobiphenyls	57	49	1
Tetrachlorobiphenyls	21	25	21
Pentachlorobiphenyls	1	8	48
Hexachlorobiphenyls	<0.1	1	23
Heptachlorobiphenyls	none detected	<0.1	6
Octachlorobiphenvls	none detected	none detected	none detected

7300

ELEMENTS by ICP (Nitric/Perchloric Acid Ashing)

MW: Table 1

CAS: Table 2

RTECS: Table 2

METHOD: 7300, Issue 3 **EVALUATION: PARTIAL** Issue 1: 15 August 1990 Issue 3: 15 March 2003 PROPERTIES: Table 1 OSHA: Table 2 NIOSH: Table 2 ACGIH: Table 2 ELEMENTS: aluminum* calcium lanthanum nickel strontium tungsten* antimony chromium* lithium* potassium tellurium vanadium* arsenic cobalt magnesium phosphorus yittrium tin barium copper manganese* selenium thallium zinc beryllium* iron molybdenum* sitver titanium zirconium* cadmium lead* *Some compounds of these elements require special sample treatment. **SAMPLING** MEASUREMENT SAMPLER: **FILTER** TECHNIQUE: INDUCTIVELY COUPLED ARGON (0.8-um. cellulose ester membrane, or PLASMA, ATOMIC EMISSION 5.0-µm, polyvinyl chloride membrane) SPECTROSCOPY (ICP-AES) FLOWRATE: 1 to 4 L/min ANALYTE: elements above VOL-MIN: Table 1 **ASHING** -MAX: Table 1 REAGENTS: conc. HNO,/ conc. HClO, (4:1), 5 mL; 2mL increments added as needed SHIPMENT: routine CONDITIONS: room temperature, 30 min: 150 °C to near SAMPLE dryness STABILITY: stable FINAL SOLUTION: 4% HNO₃, 1% HClO₄, 25 mL **BLANKS:** 2 to 10 field blanks per set WAVELENGTH: depends upon element; Table 3 **ACCURACY BACKGROUND**

not determined

BIAS:

RANGE STUDIED:

not determined

OVERALL PRECISION (\$,,):

not determined

ACCURACY:

not determined

CORRECTION:

spectral wavelength shift

CALIBRATION:

elements in 4% HNO,, 1% HCIO,

RANGE:

varies with element [1]

ESTIMATED LOD: Tables 3 and 4

PRECISION (S): Tables 3 and 4

APPLICABILITY: The working range of this method is 0.005 to 2.0 mg/m3 for each element in a 500-L air sample. This is simultaneous elemental analysis, not compound specific. Verify that the types of compounds in the samples are soluble with the ashing procedure selected.

INTERFERENCES: Spectral interferences are the primary interferences encountered in ICP-AES analysis. These are minimized by judicious wavelength selection, interelement correction factors and background correction [1-4].

OTHER METHODS: This issue updates issues 1 and 2 of Method 7300, which replaced P&CAM 351 [3] for trace elements. Flame atomic absorption spectroscopy (e.g., Methods 70XX) is an alternate analytical technique for many of these elements. Graphite fumace AAS (e.g., 7102 for Be, 7105 for Pb) is more sensitive.

REAGENTS:

- 1. Nitric acid (HNO₃), conc., ultra pure.
- 2. Perchloric acid (HCIO₄), conc., ultra pure.*
- Ashing acid: 4:1 (v/v) HNO₃:HClO₄. Mix 4 volumes conc. HNO₃ with 1 volume conc. HClO₄.
- Calibration stock solutions, 1000 μg/mL.
 Commercially available, or prepared per instrument manufacturer's recommendation (see step 12).
- Dilution acid, 4% HNO₃, 1% HClO₄. Add 50 mL ashing acid to 600 mL water; dilute to 1 L.
- 6. Argon.
- 7. Distilled, deionized water.
 - * See SPECIAL PRECAUTIONS.

EQUIPMENT:

- Sampler: cellulose ester membrane filter, 0.8-µm pore size; or polyvinyl chloride membrane, 5.0-µm pore size; 37-mm diameter, in cassette filter holder.
- Personal sampling pump, 1 to 4 L/min, with flexible connecting tubing.
- Inductively coupled plasma-atomic emission spectrometer, equipped as specified by the manufacturer for analysis of elements of interest.
- 4. Regulator, two-stage, for argon.
- Beakers, Phillips, 125-mL, or Griffin, 50-mL, with watchglass covers.**
- 6. Volumetric flasks, 10-, 25-,100-mL., and 1-L**
- 7. Assorted volumetric pipets as needed.**
- 8. Hotplate, surface temperature 150 °C.
 - ** Clean all glassware with conc. nitric acid and rinse thoroughly in distilled water before use.

SPECIAL PRECAUTIONS: All perchloric acid digestions are required to be done in a perchloric acid hood. When working with concentrated acids, wear protective clothing and gloves.

SAMPLING:

- 1. Calibrate each personal sampling pump with a representative sampler in line.
- Sample at an accurately known flow rate between 1 and 4 L/min for a total sample size of 200 to 2000
 L (see Table 1) for TWA measurements. Do not exceed a filter loading of approximately 2 mg total dust.

SAMPLE PREPARATION:

- 3. Open the cassette filter holders and transfer the samples and blanks to clean beakers.
- 4. Add 5 mL ashing acid. Cover with a watchglass. Let stand 30 min at room temperature. NOTE: Start a reagent blank at this step.
- 5. Heat on hotplate (120 °C) until ca. 0.5 mL remains.
 - NOTE 1: Recovery of lead from some paint matrices may require other digestion techniques. See Method 7082 (Lead by Flame AAS) for an alternative hotplate digestion procedure or Method 7302 for a microwave digestion procedure.
 - NOTE 2: Some species of Al, Be, Co, Cr, Li, Mn, Mo, V, and Zr will not be completely solubilized by this procedure. Alternative solubilization techniques for most of these elements can be found elsewhere [5-10]. For example, agua regia may be needed for Mn [6,12].
- 6. Add 2 mL ashing acid and repeat step 5. Repeat this step until the solution is clear.
- 7. Remove watchglass and rinse into the beaker with distilled water.
- 8. Increase the temperature to 150 °C and take the sample to near dryness (ca. 0.5 mL).
- 9. Dissolve the residue in 2 to 3 mL dilution acid.
- 10. Transfer the solutions quantitatively to 25-mL volumetric flasks.
- 11. Dilute to volume with dilution acid.
 - NOTE: If more sensitivity is required, the final sample volume may be held to 10 mL.

CALIBRATION AND QUALITY CONTROL:

12. Calibrate the spectrometer according to the manufacturers recommendations.

NOTE: Typically, an acid blank and 1.0 μg/mL multielement working standards are used. The following multielement combinations are chemically compatible in 4% HNO₃/1% HClO₄:

- a. Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, La, In, Na
- b. Ag, K, Li, Mg, Mn, Ni, P, Pb, Se, Sr, Tl, V, Y, Zn, Sc
- c. Mo, Sb, Sn, Te, Ti, W, Zr
- d. Acid blank
- 13. Analyze a standard for every ten samples.
- 14. Check recoveries with at least two spiked blank filters per ten samples.

MEASUREMENT:

- 15. Set spectrometer to conditions specified by manufacturer.
- 16. Analyze standards and samples.

NOTE: If the values for the samples are above the range of the standards, dilute the solutions with dilution acid, reanalyze and apply the appropriate dilution factor in the calculations.

CALCULATIONS:

- Obtain the solution concentrations for the sample, C_s (μg/mL), and the average media blank, C_b (μg/mL), from the instrument.
- Using the solution volumes of sample, V_s (mL), and media blank, V_b (mL), calculate the concentration, C (mg/m³), of each element in the air volume sampled, V (L):

$$C = \frac{CsVs - CbVb}{V}, mg / m^3$$

NOTE: µg/L = mg/m³

EVALUATION OF METHOD:

Issues 1 and 2

Method, 7300 was originally evaluated in 1981 [2,3]. The precision and recovery data were determined at 2.5 and 1000 µg of each element per sample on spiked filters. The measurements used for the method evaluation in Issues 1 and 2 were determined with a Jarrell-Ash Model 1160 Inductively Coupled Plasma Spectrometer operated according to manufacturer's instructions.

Issue 3

In this update of NIOSH Method 7300, the precision and recovery data were determined at approximately 3x and 10x the instrumental detection limits on commercially prepared spiked filters [12] using 25.0 mL as the final sample volume. Tables 3 and 4 list the precision and recovery data, instrumental detection limits, and analytical wavelengths for mixed cellulose ester (MCE) and polyvinyl chloride (PVC) filters. PVC Filters which can be used for total dust measurements and then digested for metals measurements were tested and found to give good results. The values in Tables 3 and 4 were determined with a Spectro Analytical Instruments Model End On Plasma (EOP)(axial) operated according to manufacturer's instructions.

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METHOD REVISED BY:

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Method originally written by Mark Millson, NIOSH/DART, and R. DeLon Hull, Ph.D., NIOSH/DSHEFS, James B. Perkins, David L. Wheeler, and Keith Nicholson, DataChem Labortories, Salt Lake City, UT.

TABLE 1. PROPERTIES AND SAMPLING VOLUMES

Proper	<u>ties</u>		
Atomic		<u>Air Volume</u>	L @ OSHA PEL
Weight	MP, °C	MIN	MAX
107.87	961	250	2000
26.98	660		100
74.92	817	5	2000
137.34	710	50	2000
9.01	1278	1250	2000
40.08	842	5	200
112.40	321	13	2000
58.93	1495	25	2000
52.00	1890	5	1000
	1083	5	1000
	1535	5	100
	63.65	5	1000
	920	5	1000
	179	100	2000
	651	5	67
54.94	1244		200
95.94	651		67
58.71	1453	5	1000
30.97	44	25	2000
		50	2000
		50	2000
		13	2000
			1000
		10	1000
		25	2000
			100
			2000
			2000
			1000
			1000
			200
91.22	1852	5	200
	Atomic Weight 107.87 26.98 74.92 137.34 9.01 40.08 112.40 58.93 52.00 63.54 55.85 39.10 138.91 6.94 24.31 54.94 95.94 58.71 30.97 207.19 121.75 78.96 118.69 87.62 127.60 47.90 204.37 50.94 183.85 88.91 65.37	Weight MP, °C 107.87 961 26.98 660 74.92 817 137.34 710 9.01 1278 40.08 842 112.40 321 58.93 1495 52.00 1890 63.54 1083 55.85 1535 39.10 63.65 138.91 920 6.94 179 24.31 651 54.94 1244 95.94 651 58.71 1453 30.97 44 207.19 328 121.75 630.5 78.96 217 118.69 231.9 87.62 769 127.60 450 47.90 1675 204.37 304 50.94 1890 183.85 3410 88.91 1495 65.37 419	Atomic Weight MP, °C Air Volume MIN 107.87 961 250 26.98 660 5 74.92 817 5 137.34 710 50 9.01 1278 1250 40.08 842 5 112.40 321 13 58.93 1495 25 52.00 1890 5 63.54 1083 5 55.85 1535 5 39.10 63.65 5 138.91 920 5 6.94 179 100 24.31 651 5 59.94 651 5 58.71 1453 5 30.97 44 25 207.19 328 50 121.75 630.5 50 78.96 217 13 118.69 231.9 5 87.62 769 10

TABLE 2. EXPOSURE LIMITS, CAS #, RTECS

Element (Symbol)	CAS#	RTECS	Expos OSHA	ure Limits, mg/m³ (Ca = o	carcinogen) ACGIH
Silver (Ag)	7440-22-4	VW3500000	0.01 (dust, fume, metal)	0.01 (metal, soluble)	0.1 (metal) 0.01 (soluble)
Aluminum (Al)	7429-90-5	BD0330000	15 (total dust) 5 (respirable)	10 (total dust) 5 (respirable fume) 2 (salts, alkyls)	10 (dust) 5 (powders, fume) 2 (saits, alkyls)
Arsenic (As)	7440-38-2	CG0525000	varies	C 0.002, Ca	0.01, Ca
Barium (Ba)	7440-39-3	CQ8370000	0.5	0.5	0.5
Beryllium (Be)	7440-41-7	DS1750000	0.002, C 0.005	0.0005, Ca	0.002, Ca
Calcium (Ca)	7440-70-2	-	varies	varies	varies
Cadmium (Cd)	7440-43-9	EU9800000	0.005	lowest feasible, Ca	0.01 (total), Ca 0.002 (respir.), Ca
Cobalt (Co)	7440-48-4	GF8750000	0.1	0.05 (dust, fume)	0.02 (dust, fume)
Chromium (Cr)	7440-47-3	GB4200000	0.5	0.5	0.5
Copper (Cu)	7440-50-8	GL5325000	1 (dust, mists) 0.1 (fume)	1 (dust) 0.1 (fume)	1 (dust, mists) 0.2 (fume)
Iron (Fe)	7439-89-6	NO4565500	10 (dust, fume)	5 (dust, fume)	5 (fume)
Potassium (K)	7440-09-7	TS6460000	-		
Lanthanum	7439-91-0	-	-	-	
Lithium (Li)	7439-93-2		_		
Magnesium (Mg)	7439-95-4	OM2100000	15 (dust) as oxide 5 (respirable)	10 (fume) as oxide	10 (fume) as oxide
Manganese (Mn)	7439-96-5	OO9275000	C 5	1; STEL 3	5 (dust) 1; STEL 3 (fume)
Molybdenum (Mo)	7439-98-7	QA4680000	5 (soluble) 15 (total insoluble)	5 (soluble) 10 (insoluble)	5 (soluble) 10 (insoluble)
Nickel (Ni)	7440-02-0	QR5950000	1	0.015, Ca	0.1 (soluble) 1 (insoluble, metal)
Phosphorus (P)	7723-14-0	TH3500000	0.1	0.1	0.1
Lead (Pb)	7439-92-1	OF7525000	0.05	0.05	0.05
Antimony (Sb)	7440-36-0	CC4025000	0.5	0.5	0.5
Selenium (Se)	7782-49-2	VS7700000	0.2	0.2	0.2
Tin (Sn)	7440-31-5	XP7320000	2	2	2
Strontium (Sr)	7440-24-6	-	-	-	-
Tellurium (Te)	13494-80-9	WY2625000	0.1	0.1	0.1
Titanium (Ti)	7440-32-6	XR1700000	-	_	
Thallium (TI)	7440-28-0	XG3425000	0.1 (skin) (soluble)	0.1 (skin) (soluble)	0.1 (skin)
Vanadium (V)	7440-62-2	YW240000	_	C 0.05	-
Tungsten	7440-33-7	-	5	5 10 (STEL)	5 10 (STEL)
Yttrium (Y)	7440-65-5	ZG2980000	1	N/A	1
Zinc (Zn)	7440-66-6	ZG8600000	-		
Zirconium (Zr)	7440-67-7	ZH7070000	5	5, STEL 10	5, STEL 10

TABLE 3. MEASUREMENT PROCEDURES AND DATA [1]. Mixed Cellulose Ester Filters (0.45 μm)

	wavelength	Est. LOD	LOD	Certified	% Recovery	Percent	Certified	%	Percent
Element	_	µg/	ng/m L	3x LOD	(c)	RSD	10x LOD	Recovery	RSD
(a)		Filter	"	(b)	(-)	(N=25)	(b)	(c)	(N=25)
				\					
Ag	328	0.042	1.7	0.77	102.9	2.64	3.21	98.3	1.53
ΑĪ	167	0.115	4.6	1.54	105.4	11.5	6.40	101.5	1.98
As	189	0.140	5.6	3.08	94.9	2.28	12.9	93.9	1.30
Ва	455	0.005	0.2	0.31	101.8	1.72	1.29	97.7	0.69
Ве	313	0.005	0.2	0.31	100.0	1.44	1.29	98.4	0.75
Ca	317	0.908	36.3	15.4	98.7	6.65	64.0	100.2	1.30
Cd	226	0.0075	0.3	0.31	99.8	1.99	1.29	97.5	0.88
Co	228	0.012	0.5	0.31	100.8	1.97	1.29	98.4	0.90
Сг	267	0.020	0.8	0.31	93.4	16.3	1.29	101.2	2.79
Cu	324	0.068	2.7	1.54	102.8	1.47	6.40	100.6	0.92
Fe	259	0.095	3.8	1.54	103.3	5.46	6.40	98.0	0.95
K	766	1.73	69.3	23.0	90.8	1.51	96.4	97.6	0.80
La	408	0.048	1.9	0.77	102.8	2.23	3.21	100.1	0.92
Li	670	0.010	0.4	0.31	110.0	1.91	1.29	97.7	0.81
Mg	279	0.098	3.9	1.54	101.1	8.35	6.40	98.0	1.53
Mn	257	0.005	0.2	0.31	101.0	1.77	1.29	94.7	0.73
Мо	202	0.020	0.8	0.31	105.3	2.47	1.29	98.6	1.09
Ni	231	0.020	0.8	0.31	109.6	3.54	1.29	101.2	1.38
Р	178	0.092	3.7	1.54	84.4	6.19	6.40	82.5	4.75
Pb	168	0.062	2.5	1.54	109.4	2.41	6.40	101.7	0.88
Sb	206	0.192	7.7	3.08	90.2	11.4	12.9	41.3	32.58
Se	196	0.135	5.4	2.3	87.6	11.6	9.64	84.9	4.78
Sn	189	0.040	1.6	0.77	90.2	18.0	3.21	49	21.79
Sr	407	0.005	0.2	0.31	101.0	1.55	1.29	97.3	0.65
Te	214	0.078	3.1	1.54	102.0	2.67	6.40	97.4	1.24
Ti	334	0.050	2.0	0.77	98.4	2.04	3.21	93.4	1.08
ΤI	190	0.092	3.7	1.54	100.9	2.48	6.40	99.1	0.80
V	292	0.028	1.1	0.77	103.2	1.92	3.21	98.3	0.84
W	207	0.075	3.0	1.54	72.2	10.1	6.40	57.6	14.72
Y	371	0.012	0.5	0.31	100.5	1.80	1.29	97.4	0.75
Zn	213	0.310	12.4	4.60	102.2	1.87	19.3	95.3	0.90
Zr	339	0.022	0.9	0.31	88.0	19.4	1.29	25	57.87

⁽a) Bold values are qualitative only because of low recovery.

⁽b) Values are certified by Inorganic Ventures INC. at 3x and 10x the approximate instrumental LOD

⁽c) Values reported were obtained with a Spectro Analytical Instruments EOP ICP; performance may vary with instrument and should be independently verified.

TABLE 4. MEASUREMENT PROCEDURES AND DATA [1]. Polyvinyl Chloride Filter (5.0 μm)

Element nm μg per ng/mL 3x LOD Recovery RSD 10x LOD Recovery (c) (b) (a) (N=25) (b) (a) (A=25) (b) (a) (A=25) (b) (a) (A=25) (b) (a) (b) (a) (b) (b) (b) (b) (b) (c) (c	RSD (N=25) 18.9 20.9 3.2
	18.9 20.9 3.2
A- 229 0.042 4.7 0.70 404.0 0.00 0.40 0.40	20.9 3.2
A 200 0040 47 070 4040 000 040 040	20.9 3.2
Ag 328 0.042 1.7 0.78 104.2 8.20 3.18 81.8	3.2
Al 167 0.115 4.6 1.56 77.4 115.24 6.40 92.9	
As 189 0.140 5.6 3.10 100.7 5.13 12.70 96.9	0.0
Ba 455 0.005 0.2 0.31 102.4 3.89 1.270 99.8	2.0
Be 313 0.005 0.2 0.31 106.8 3.53 1.270 102.8	2.1
Ca 317 0.908 36.3 15.6 68.1 12.66 64.00 96.8	5.3
Cd 226 0.0075 0.3 0.31 105.2 5.57 1.27 101.9	2.8
Co 228 0.012 0.5 0.31 109.3 4.67 1.27 102.8	2.8
Cr 267 0.020 0.8 0.31 109.4 5.31 1.27 103.4	4.1
Cu 324 0.068 2.7 1.56 104.9 5.18 6.40 101.8	2.4
Fe 259 0.095 3.8 1.56 88.7 46.82 6.40 99.1	9.7
K 766 1.73 69.3 23.4 96.4 4.70 95.00 99.2	2.2
La 408 0.048 1.9 0.78 45.5 4.19 3.18 98.8	2.6
Li 670 0.010 0.4 0.31 107.7 4.80 1.27 110.4	2.7
Mg 279 0.098 3.9 1.56 54.8 20.59 6.40 64.5	5.7
Mn 257 0.005 0.2 0.31 101.9 4.18 1.27 99.3	2.4
Mo 202 0.020 0.8 0.31 106.6 5.82 1.27 98.1	3.8
Ni 231 0.020 0.8 0.31 111.0 5.89 1.27 103.6	3.2
P 178 0.092 3.7 1.56 101.9 17.82 6.40 86.5	10.4
Pb 168 0.062 2.5 1.56 109.6 6.12 6.40 103.2	2.9
Sb 206 0.192 7.7 3.10 64.6 22.54 12.70 38.1	30.5
Se 196 0.135 5.4 2.30 83.1 26.23 9.50 76.0	17.2
Sn 189 0.040 1.6 0.78 85.7 27.29 3.18 52.0	29.4
Sr 407 0.005 0.2 0.31 71.8 4.09 1.27 81.2	2.7
Te 214 0.078 3.1 1.56 109.6 7.49 6.40 97.3	3.8
Ti 334 0.050 2.0 0.78 101.0 9.46 3.18 92.4	5.5
TI 190 0.092 3.7 1.56 110.3 4.04 6.40 101.9	2.0
V 292 0.028 1.1 0.78 108.3 3.94 3.18 102.5	2.6
W 207 0.075 3.0 1.56 74.9 15.79 6.40 44.7	19.6
Y 371 0.012 0.5 0.31 101.5 3.63 1.27 101.4	2.5
Zn 213 0.310 12.4 4.70 91.0 68.69 19.1 101.0	9.6
Zr 339 0.022 0.9 0.31 70.7 54.20 1.27 40.4	42.1

⁽a) Values reported were obtained with a Spectro Analytical Instruments EOP ICP; performance may vary with instrument and should be independently verified.

⁽b) Values are certified by Inorganic Ventures INC. at 3x and 10x the approximate instrumental LOD [12].

⁽c) Bold values are qualitative only because of low recovery. Other digestion techniques may be more appropriate for these elements and their compounds.

Cornell Dubilier Electronics Superfund Contract No. W912DQ-04-D-0023 TO. 0007 SAMPLING TRACKING LOG

	Cluster		Sample	Sample	Shipping	Analytical
Sample ID G238-CLUSTER-12-OILTANK-WALL	#	Location Description	Date	Туре	Date	Results Date
1-12206	12	Interior Tank wall	12/12/2006	Wipe	12/12/2006	12/14/2006
G238-CLUSTER-12-OILTANK-WALL 2-12206	12	Interior Tank wall	12/12/2006	Wipe	12/12/2006	12/14/2006
G238-CLUSTER-12-TANK- CONCRETE-SWWALL-121406	12	Tank Pad Concrete sample	12/14/2006	CON	12/14/2006	12/22/2006
G238-CLUSTER-12-TANK- CONCRETE-EWALL-121406	12	Tank Pad Concrete sample	12/14/2006	CON	12/14/2006	12/22/2006
G238-OILTANK-SOLIDS-1-121906	12	Interior Tank sludge mixture	12/19/2006	so	12/19/2007	12/28/2006
G238-OILTANK-SOLIDS-2-121906	12	Interior Tank sludge mixture	12/19/2006	so	12/19/2007	12/28/2006
G238-OILTANK-SOLIDS-4-121906	12	Interior Tank sludge mixture	12/19/2006	so	12/19/2007	12/28/2006
G238-OILTANK-SOLIDS-4-121906	12	Interior Tank sludge mixture	12/19/2006	so	12/19/2007	12/28/2006
G238-OILTANK-SOLIDS-WALL-1- 122106	12	Steel tank structural wall	12/21/2006	SOLID	12/21/2006	1/2/2007
G238-OILTANK-SOLIDS-WALL-2- 122106	12	Steel tank structural wall	12/21/2006	SOLID	12/21/2006	1/2/2007
G238-OILTANK-SOLIDS-WALL-3- 122106	12	Steel tank structural wall	12/21/2006	SOLID	12/21/2006	1/2/2007
G238-OILTANK-SOLIDS-WALL-4- 122106	12	Steel tank structural wall	12/21/2006	SOLID	12/21/2006	1/2/2007
Bldg 14-Wall-Comp	11	Bldg interior wall above grade	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 14-Floor-Comp	11	Bldg interior floor slab on grade	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 12-Floor-comp	7	Bldg interior floor slab on grade	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 11-Floor-comp	7	Bldg interior floor slab on grade	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 10-Rags-comp	6	Rags left behind in 10A	2/8/2007	SOLID	2/8/2007	2/16/2007
Bldg 5-SW-Floor	3	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	
Bldg 5-SW-Floor	3	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	
Bldg 5-Walls	3	Bldg interior wall above grade	2/15/2007	SOLID	2/15/2007	
Bldg 5A-SAW-Floor	3	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	
Bldg 5A-SAE-Floor	3	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	
Bldg 5A-Walls	3	Bldg interior wall above grade	2/15/2007	SOLID	2/15/2007	
Bldg 8-8W-Floor	4	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	3/2/2007
Bldg 8-8E-Floor	4	Bldg interior floor slab on grade	2/15/2007	SOLID	2/15/2007	3/2/2007
Bldg 8-Walls	4	Bldg interior wall above grade	2/15/2007	SOLID	2/15/2007	3/2/2007
Bldg 12-Walls	7	Bldg interior wall above grade 21k Gallon Adler Water Tank from Bid 14	2/15/2007	SOLID	2/15/2007	
CD-WW-14-021907-001	11	Excavations Bld 14 Soils adjacent to Foundation Below	2/19/2007	ww	2/19/2007	3/7/2007
CD-SO-14N-001	11	Grade Bld 14 Soils adjacent to Foundation Below	3/14/2007	so	3/14/2007	4/12/2007
CD-SO-14S-002	11	Grade Bid 14 Soils adjacent to Foundation Below Bid 14 Soils adjacent to Foundation Below	3/14/2007	so	3/14/2007	4/12/2007
CD-SO-14E-003	11	Grade Bld 14 Soils adjacent to Foundation Below Bld 14 Soils adjacent to Foundation Below	3/14/2007	so	3/14/2007	4/12/2007
CD-SO-14W-004	11	Grade	3/14/2007	so	3/14/2007	4/12/2007

Memorandum

To: Pat Nejand- USACE COR

CC: G-238 Health and Safety File

From: Steven Wilson- SES-SSHO

Date: 29th January 2007

Re: Worker exposure air monitoring results for week ending 5th January 2007

Attached is the personnel air monitoring results for PCB and Lead samples collected during the Cluster 12 Oil Tank demolition. The air samples were collected on January 4th and 5th 2007. Air samples were collected in the breathing zone for the operator performing the tank demolition.

The air samples were collected in accordance with NIOSH test methods 5503 for PCBs and 7300 for lead. The samples were analyzed by Galson Laboratories located in East Syracuse, New York.

The results of the air samples collected were well below the OSHA PEL for the contaminates of concern.



Mr. Paul Jung Sevenson Environmental Services 333 Hamilton Blvd. South Plainfield, NJ 07080 January 12, 2007

DOH ELAP# 11626

Account# 10127

Login# L145902

Dear Mr. Jung:

Enclosed are the analytical results for the samples received by our laboratory on January 08, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Flapl Unangot

Sincerely,

Galson Laboratories

F. Joseph Unangst Laboratory Director

Enclosure(s)

LABORATORY ANALYSIS REPORT



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.galsonlabs.com Client : Sevenson Environmental Services

Site : CORNELL-DUBILLIER

Project No. : G238

Date Sampled : 04-JAN-07 - 05-JAN-07 Account No.: 10127
Date Received : 08-JAN-07 Login No. : L145902

Date Analyzed : 09-JAN-07
Report ID : 524864

Lead

Sample ID	<u>Lab ID</u>	Air Vol	Total ug	Conc mg/m3
010407-OPER	L145902-4	290.0	<0.38	<0.001
010507-OPER	L145902-5	904.0	<0.38	<0.0004
TAB BLANK	L145902-6	NA	<0.38	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

OSHA PEL (TWA)	: 0.38 ug : mod. NIOSH 7300; ICP : 0.05 mg/m3 : Filter	Submitted by: Approved by: Date : 10-JAN QC by: Tony I	: LS N-07 NYS DOH # : 11626
<pre>< -Less Than > -Greater Than NA -Not Applicable</pre>	mg -Milligrams ug -Micrograms ND -Not Detected	m3 -Cubic Meters 1 -Liters ppm -Parts per Million	kg -Kilograms NS -Not Specified

LABORATORY ANALYSIS REPORT



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.galsonlabs.com

Client Site

: Sevenson Environmental Services

: CORNELL-DUBILLIER

Project No. : G238

Date Received : 08-JAN-07

Date Sampled : 04-JAN-07 - 05-JAN-07 Account No.: 10127 Login No. : L145902

Date Analyzed : 09-JAN-07

Report ID : 524878

Polychlorinated Biphenyls

Sample ID	Lab ID	Air Vol	Front ug	Back uq	Total ug	Conc mg/m3	ppm
010407-OPER	L145902-1	59.2	<0.05	<0.05	<0.06	<0.0010	NA
010507-OPER	L145902-2	88.2	<0.05	<0.05	<0.06	<0.00068	NA
LAB BLANK	L145902-3	NA	<0.05	<0.05	<0.06	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

	Level of quantitatic Analytical Method OSHA PEL (TWA) Collection Media	on: 0.06 ug : mod. NIOSH 5503; GC : NA : Filter & Tube	/ECD	Submitted by: MJ/NP Approved by: rjw Date: 12-JAN-07 NYS DOH #: 11626 QC by: Tony D'Amico				
>	-Less Than -Greater Than -Not Applicable	mg -Milligrams ug -Micrograms ND -Not Detected	1	-Cubic Meters -Liters -Parts per Million	kg -Kilograms NS -Not Specified			



LABORATORY FOOTNOTE REPORT

Client Name : Sevenson Environmental Services
Site : CORNELL-DUBILLIER

Project No. : G238

6601 Kirkville Road East Syracuse, NY 13057 (315) 432-5227 FAX: (315) 437-0571 www.galsonlabs.com

Date Sampled: 04-JAN-07-05-JAN-07

Date Received: 08-JAN-07 Date Analyzed: 09-JAN-07

Account No.: 10127

Login No. : L145902

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

L145902 (Report ID: 524864) : SOPs: im-icp(6), im-mwvfilt(4)

Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is

biased low.

L145902 (Report ID: 524878) : SOPs: ig-pcbn5503(2)

Total ug corrected for a desorption efficiency of 90%.

-Less Than -Greater Than mg -Milligrams

m3 -Cubic Meters l -Liters

kg -Kilograms NS -Not Specified

NA -Not Applicable

ug -Micrograms ND -Not Detected

ppm -Parts per Million

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Mr. Paul Jung Sevenson Environmental Services 333 Hamilton Blvd. South Plainfield, NJ 07080 January 24, 2007

DOH ELAP# 11626

Account# 10127

Login# L146359

Dear Mr. Jung:

Enclosed are the analytical results for the samples received by our laboratory on January 18, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Flagel Unangot

Sincerely,

Galson Laboratories

F. Joseph Unangst Laboratory Director

Enclosure(s)

LABORATORY ANALYSIS REPORT



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.galsonlabs.com

: Sevenson Environmental Services Client

Site : Cornell-Dubilier

: G238 Project No.

Account No.: 10127 Date Sampled : 15-JAN-07 Login No. : L146359 Date Received : 18-JAN-07

Date Analyzed : 20-JAN-07 Report ID : 525574

Polychlorinated Biphenyls

Sample ID	<u>Lab ID</u>	Air Vol	Front ug	Back ug	Total ug	Conc mg/m3	
011507-LAB	L146359-1	31.8	<0.05	<0.05	<0.06	<0.0019	NA
LAB BLANK	L146359-2	NA	<0.05	<0.05	<0.06	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Submitted by: mj/np Level of quantitation: 0.06 ug Approved by : rjw

Analytical Method : mod. NIOSH 5503; GC/ECD

Date: 24-JAN-07 NYS DOH #: 11626 OSHA PEL (TWA) : NA

QC by: Tom Burgess Collection Media : Filter & Tube

m3 -Cubic Meters kg -Kilograms < -Less Than mg -Milligrams

-Liters NS -Not Specified 1 ug -Micrograms > -Greater Than

ppm -Parts per Million ND -Not Detected NA -Not Applicable

LABORATORY FOOTNOTE REPORT



6601 Kirkville Road East Syracuse, NY 13057 (315) 432-5227 FAX: (315) 437-0571

www.galsonlabs.com

Client Name : Sevenson Environmental Services

Site : Cornell-Dubilier

Project No. : G238

Date Sampled: 15-JAN-07 Date Received: 18-JAN-07 Date Analyzed: 20-JAN-07

Account No.: 10127 Login No. : L146359

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

L146359 (Report ID: 525574) : SOPs: ig-pcbn5503(2) Total ug corrected for a desorption efficiency of 90%

< -Less Than

-Greater Than

NA -Not Applicable

mg -Milligrams

ug -Micrograms

ND -Not Detected

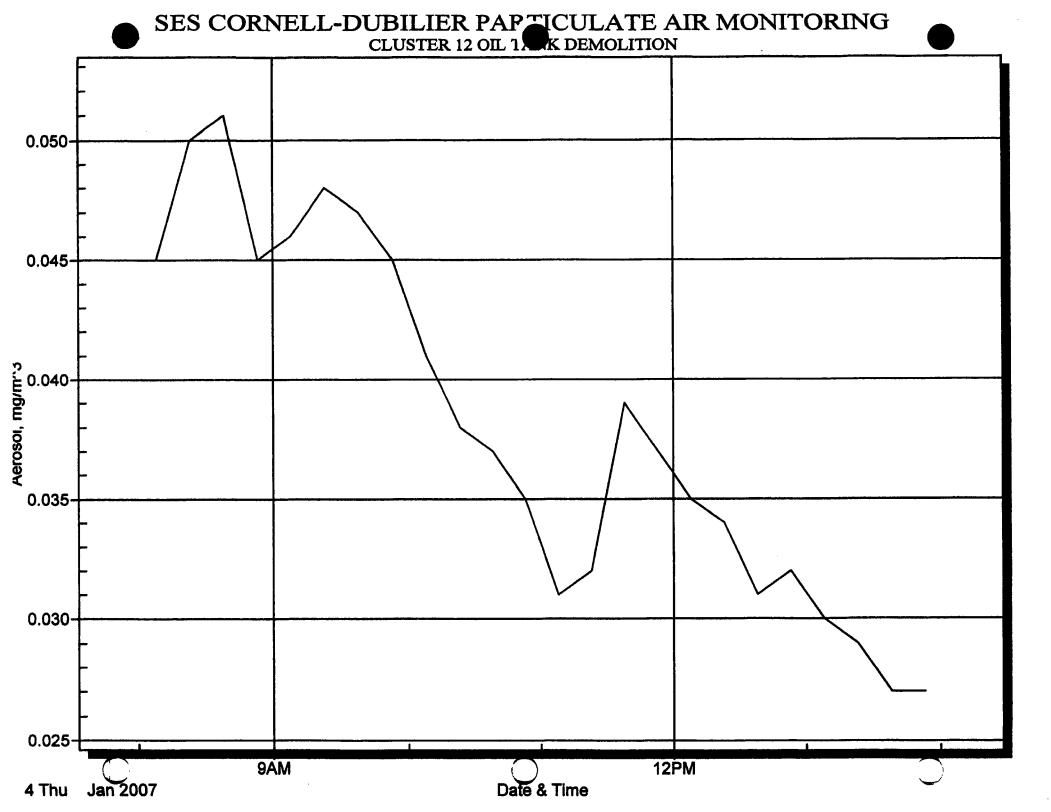
m3 -Cubic Meters

l -Liters

kg -Kilograms NS -Not Specified

ppm -Parts per Million

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Current Graph: Up Wind

Start time: 09:58:22 01/04/2007 Stop time: 13:43:22 01/04/2007

Legend: Aerosol

Channel: Aerosol (Units) mg/m^3

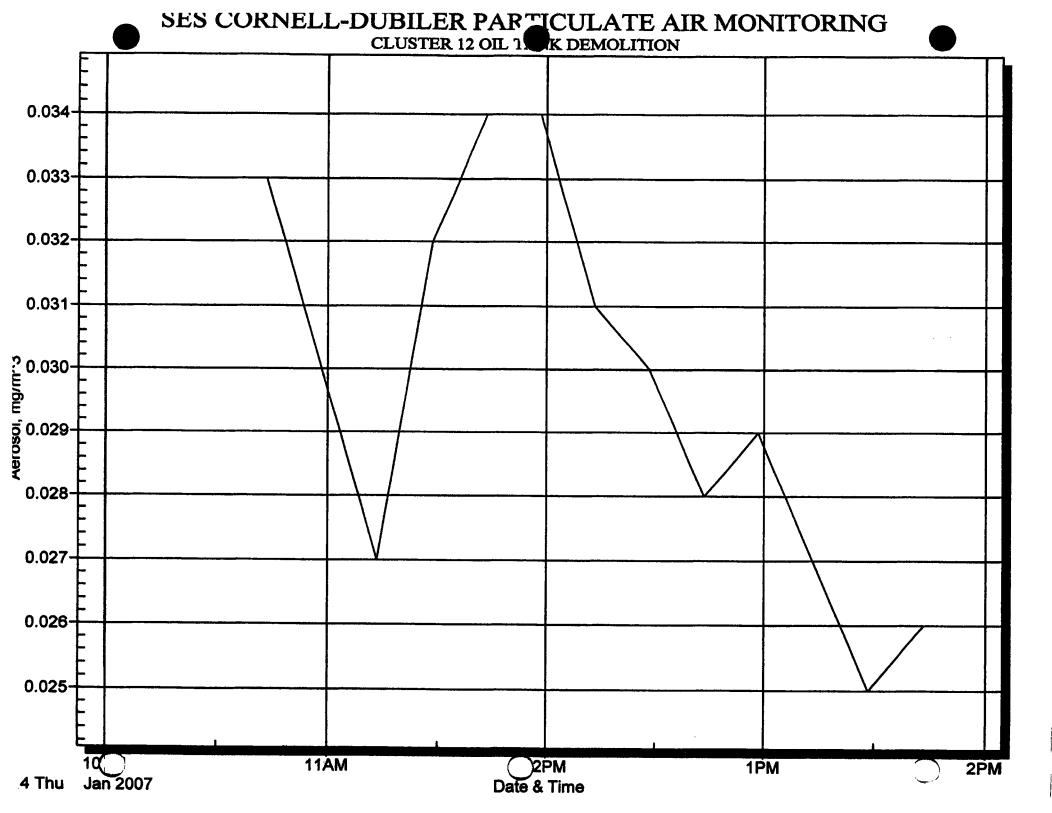
Average: 0.034

TWA (8hr): 0.016 Start Time 09:58:22 Start Date 01/04/2007 End Time 13:43:22

Minimum: 0.027 Time 13:37:56 Date 01/04/2007

Maximum: 0.041 Time 10:07:56 Date 01/04/2007

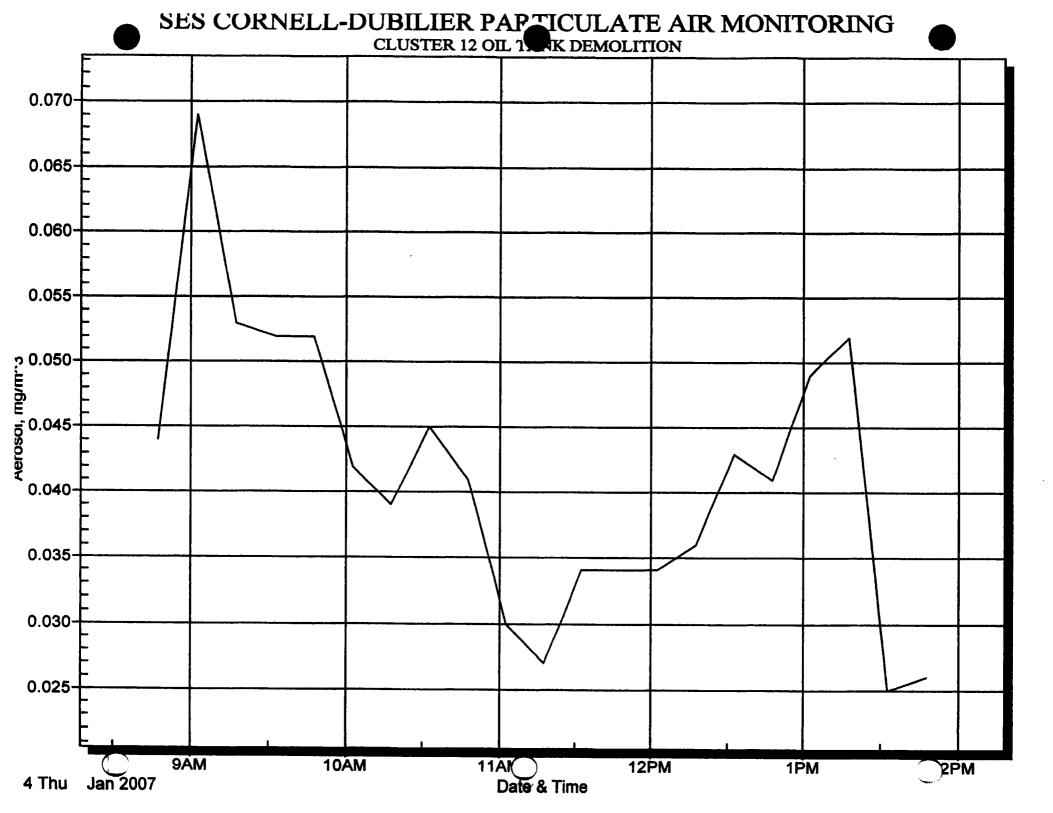
Log interval: 00:15:00



Current Graph: EAST
Start time: 09:58:22 01/04/2007 Stop time: 13:43:22 01/04/2007

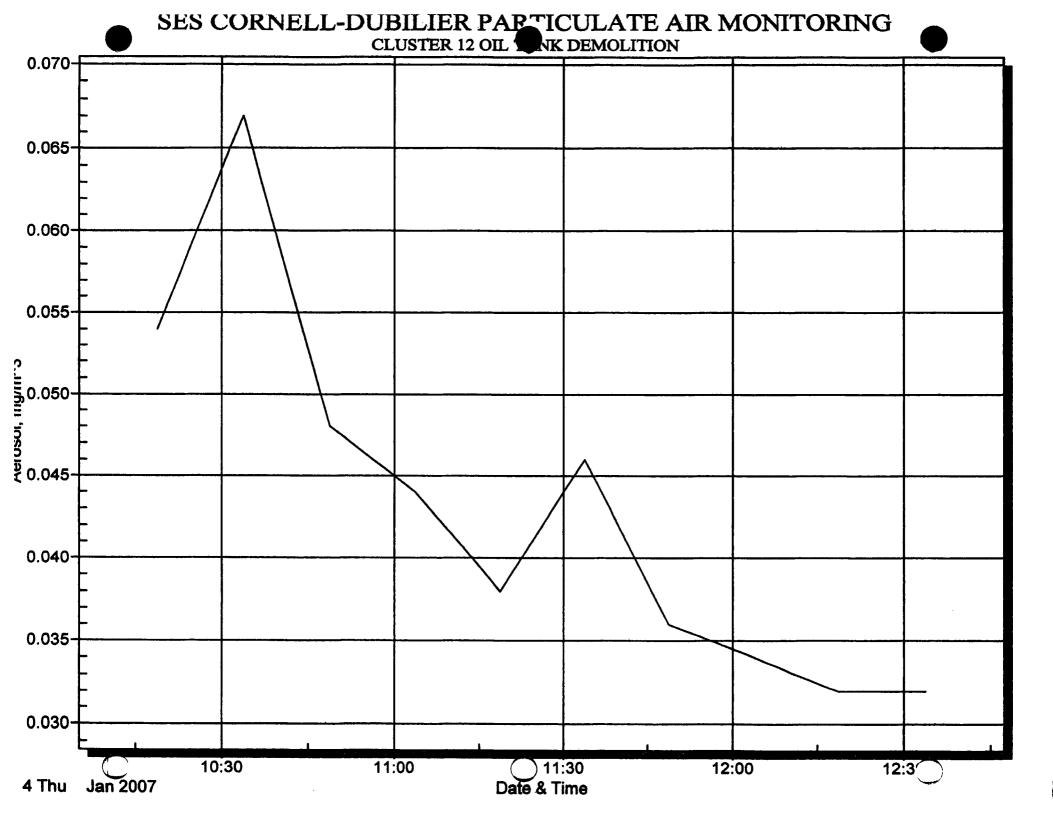
Legend:	Aerosol
Channel:	Aerosol
(Units)	
(OHICS)	mg/m^3
Average:	0.030
_	
TWA (8hr):	0.014
Start Time	09:58:22
Start Date	01/04/2007
End Time	13:43:22
Minimum:	0.025
*	
Time	13:28:22
Date	01/04/2007
Maximum:	0.034
Time	11:43:22
Date	01/04/2007

Log interval: 00:15:00



Current Graph: N. West Start time: 09:58:22 01/04/2007 Stop time: 13:43:22 01/04/2007

Legend:	Aerosol
Channel: (Units)	Aerosol mg/m^3
Average:	0.038
TWA (8hr): Start Time Start Date End Time	0.018 09:58:22 01/04/2007 13:43:22
Minimum: Time Date	0.025 13:32:32 01/04/2007
Maximum: Time Date	0.052 13:17:32 01/04/2007
Log interval: hh:mm:ss	00:15:00



Current Graph: S. East

Start time: 10:03:44 01/04/2007 Stop time: 12:33:44 01/04/2007

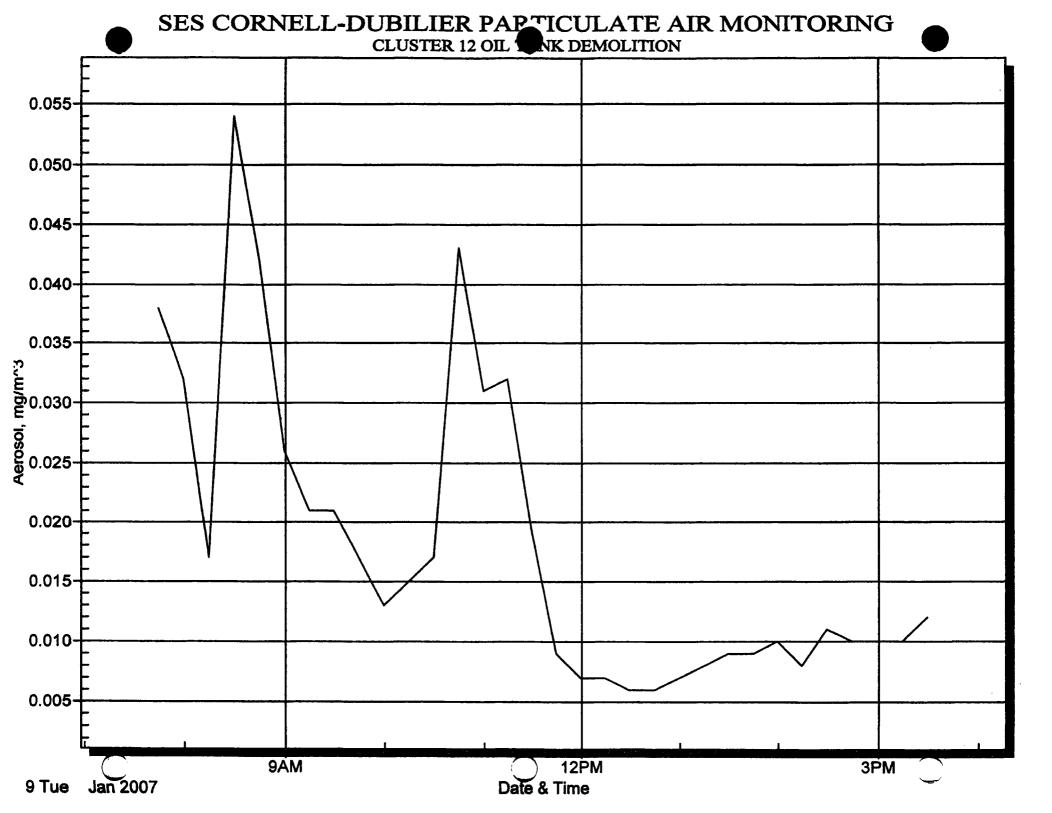
Legend:	Aerosol
Channel: (Units)	Aerosol mg/m^3
Average:	0.043
ME23 / Ob \ -	0.013

TWA (8hr): 0.013
Start Time 10:03:44
Start Date 01/04/2007
End Time 12:33:44

Minimum: 0.032 Time 12:18:44 Date 01/04/2007

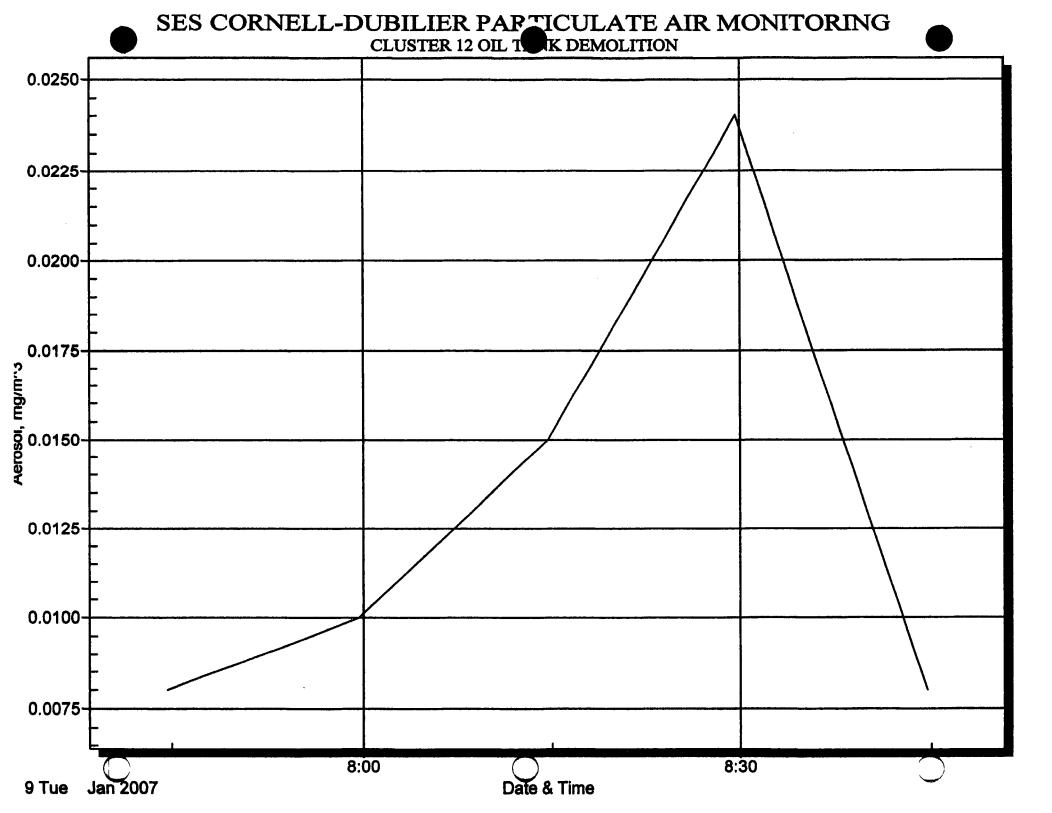
Maximum: 0.067 Time 10:33:44 Date 01/04/2007

Log interval: 00:15:00



Current Graph: Up Wind Start time: 07:29:15 01/09/2007 Stop time: 15:29:15 01/09/2007

Legend:	Aerosol
Channel:	Aerosol
(Units)	mg/m^3
Average:	0.018
TWA (8hr):	0.018
Start Time	07:29:15
Start Date	01/09/2007
End Time	15:29:15
Minimum:	0.006
Time	12:29:15
Date	01/09/2007
Maximum:	0.054
Time	08:29:15
Date	01/09/2007
7 3 - 4 3	00 15 00
Log interval:	00:15:00



Current Graph: North

Start time: 07:29:40 01/09/2007 Stop time: 08:44:40 01/09/2007

Legend:	Aerosol

Channel: Aerosol (Units) mg/m^3

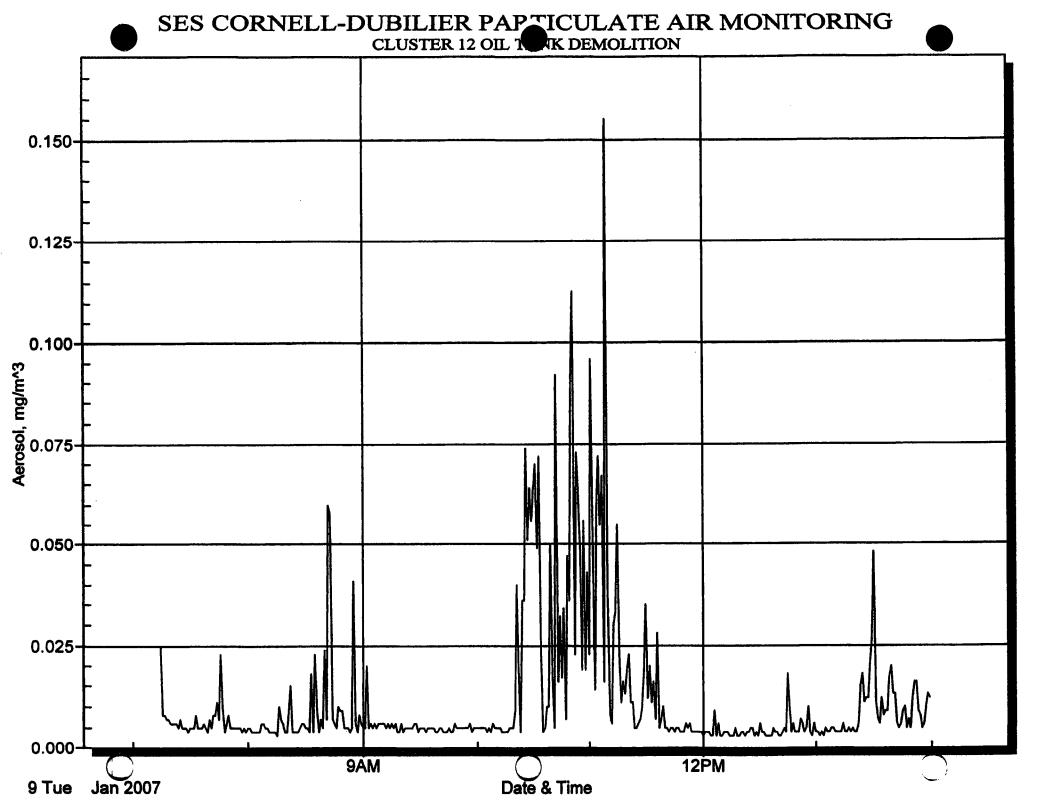
Average: 0.013

TWA (8hr): 0.002 Start Time 07:29:40 Start Date 01/09/2007 End Time 08:44:40

Minimum: 0.008 Time 07:44:40 Date 01/09/2007

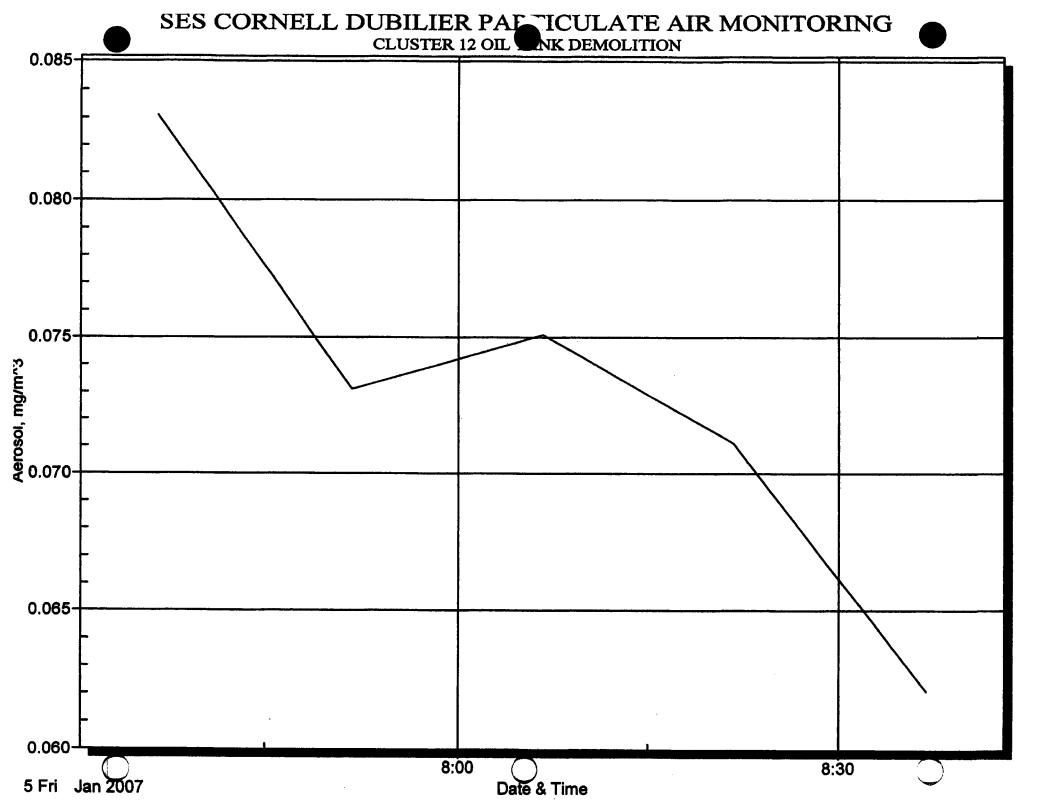
Maximum: 0.024 Time 08:29:40 Date 01/09/2007

Log interval: 00:15:00



Current Graph: South Start time: 07:13:51 01/09/2007 Stop time: 13:58:51 01/09/2007

Legend:	Aerosol
Channel:	Aerosol
(Units)	mg/m^3
Average:	0.012
TWA (8hr):	0.010
Start Time	07:13:51
Start Date	01/09/2007
End Time	13:58:51
Minimum:	0.003
Time	08:14:51
Date	01/09/2007
Maximum:	0.155
Time	11:08:51
Date	01/09/2007
Log interval:	00:01:00



Current Graph: Up Wind

Start time: 07:21:45 01/05/2007 Stop time: 08:36:45 01/05/2007

Legend:	Aerosol

Channel: (Units)

Aerosol mg/m^3

Average:

0.073

TWA (8hr):

0.011 07:21:45

Start Time Start Date

01/05/2007

End Time

08:36:45

Minimum:

0.062

Time

08:36:45

Date

01/05/2007

Maximum:

0.083

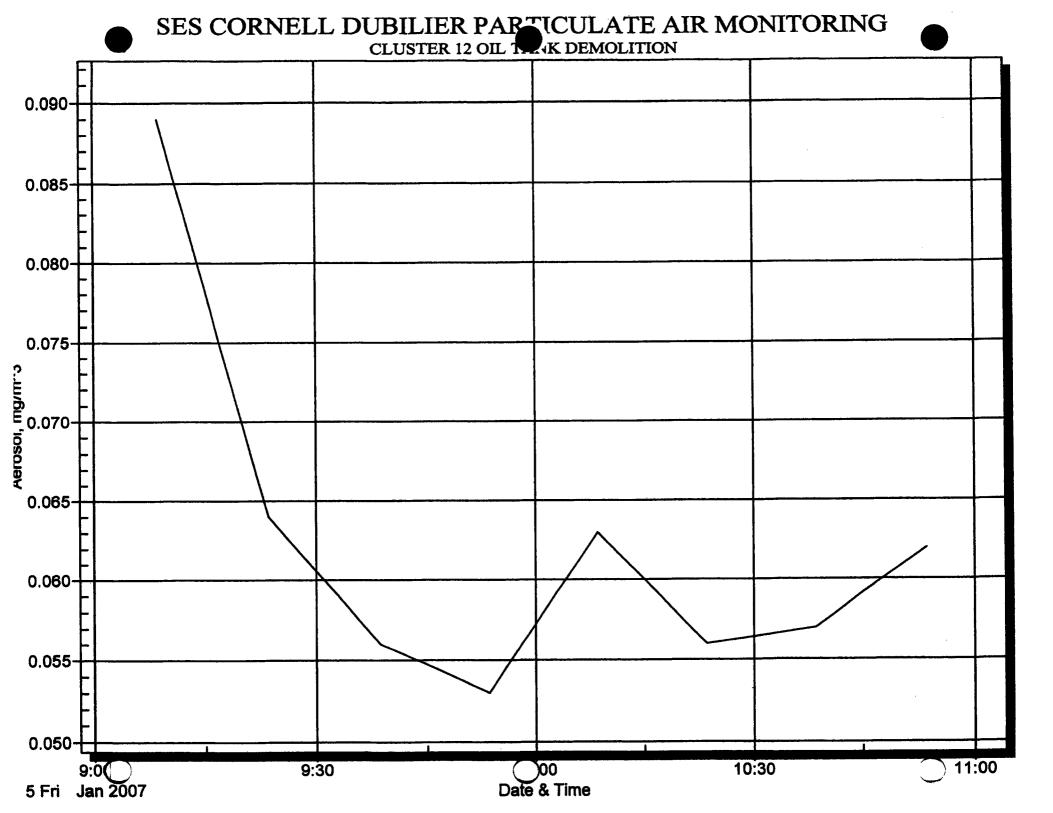
Time

07:36:45

Date

01/05/2007

Log interval: 00:15:00



Current Graph: West

Start time: 08:53:36 01/05/2007 Stop time: 10:53:36 01/05/2007

Legend:	Aerosol

Channel:
 (Units)

Aerosol mg/m^3

Average:

0.063

TWA (8hr):

0.016

Start Time

08:53:36 01/05/2007

Start Date End Time

10:53:36

Minimum:

0.053

Time

09:53:36

Date

01/05/2007

Maximum:

0.089

Time

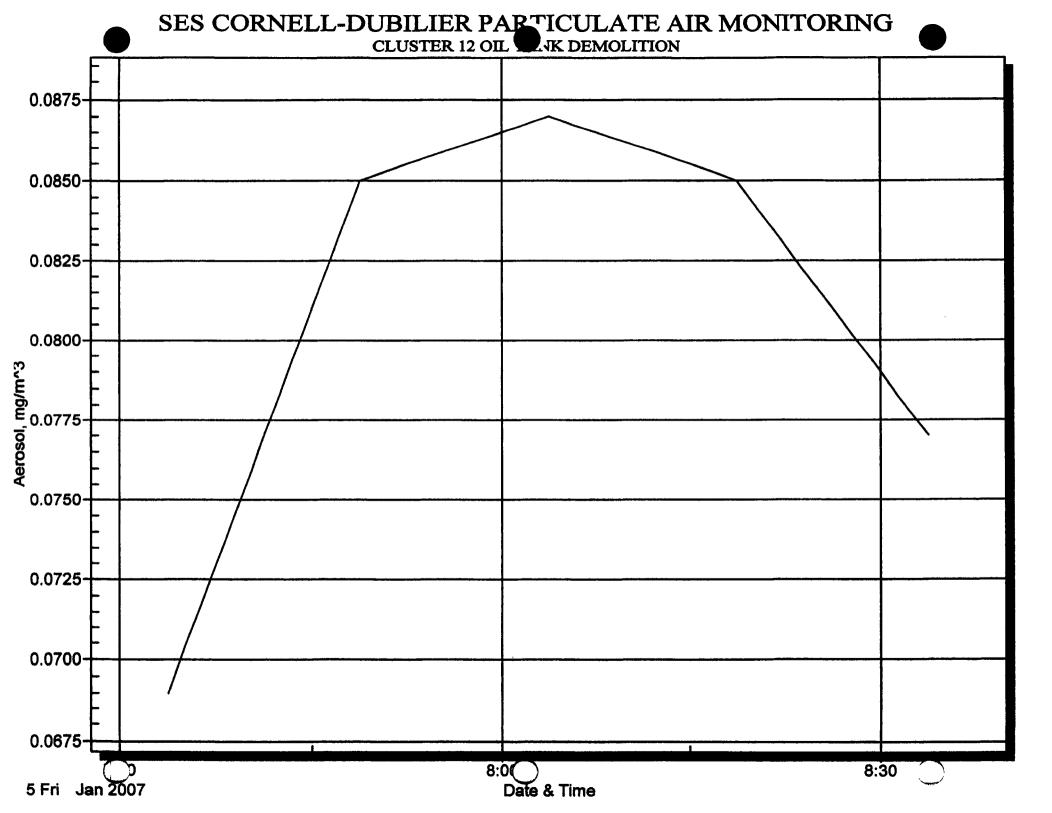
09:08:36

Date

01/05/2007

Log interval:

00:15:00



Current Graph: South

Start time: 07:18:45 01/05/2007 Stop time: 08:33:45 01/05/2007

Legend: Aerosol

Channel:

Aerosol

(Units)

 mg/m^3

Average:

0.081

TWA (8hr):

0.013

Start Time Start Date 07:18:45 01/05/2007

Start Date
End Time

08:33:45

Minimum:

0.069

Time

07:33:45

Date

01/05/2007

Maximum:

0.087

Time

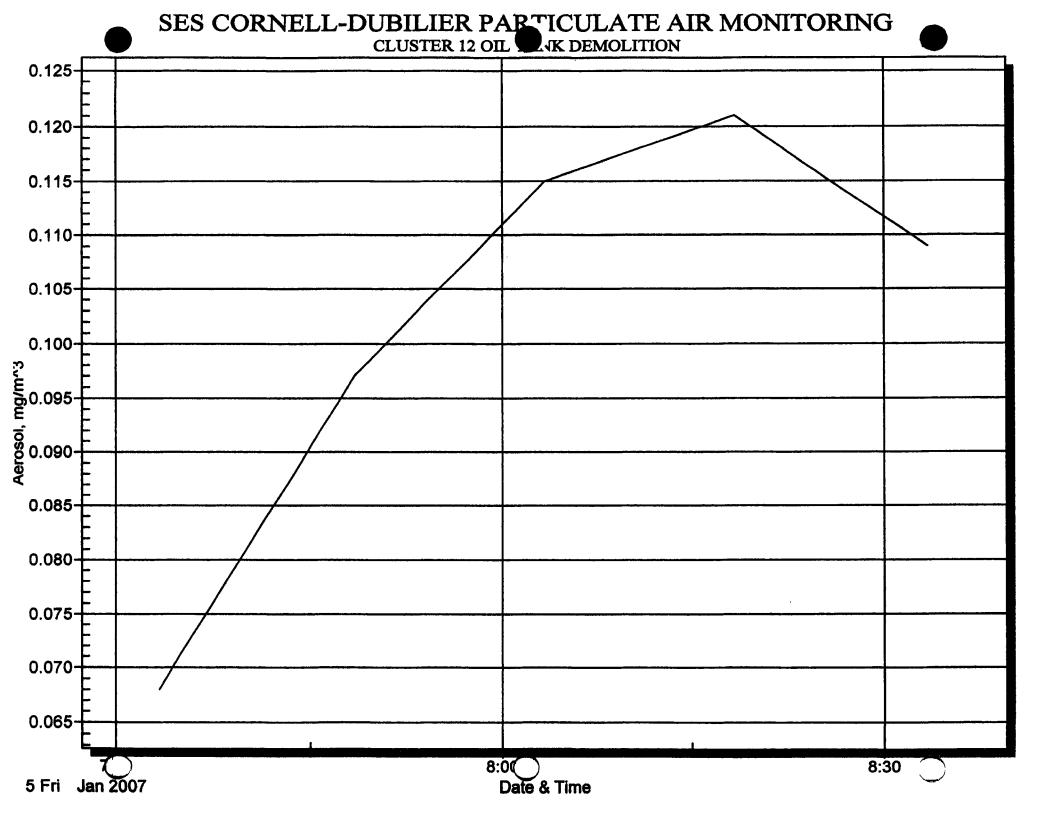
08:03:45

Date

01/05/2007

Log interval:

00:15:00



Current Graph: North

Start time: 07:18:22 01/05/2007 Stop time: 08:33:22 01/05/2007

_		•
1	Legend:	Aerosol
	<u> </u>	

Channel: Aerosol (Units) mg/m^3

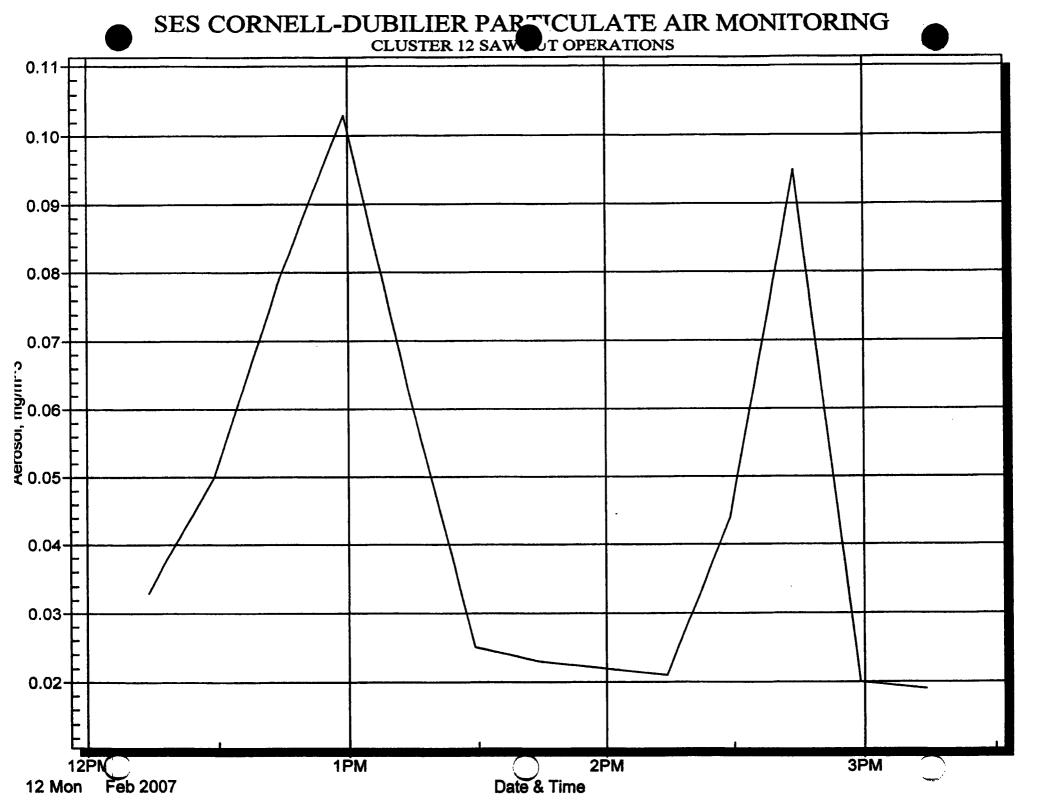
Average: 0.102

TWA (8hr): 0.016 Start Time 07:18:22 Start Date 01/05/2007 End Time 08:33:22

Minimum: 0.068 Time 07:33:22 Date 01/05/2007

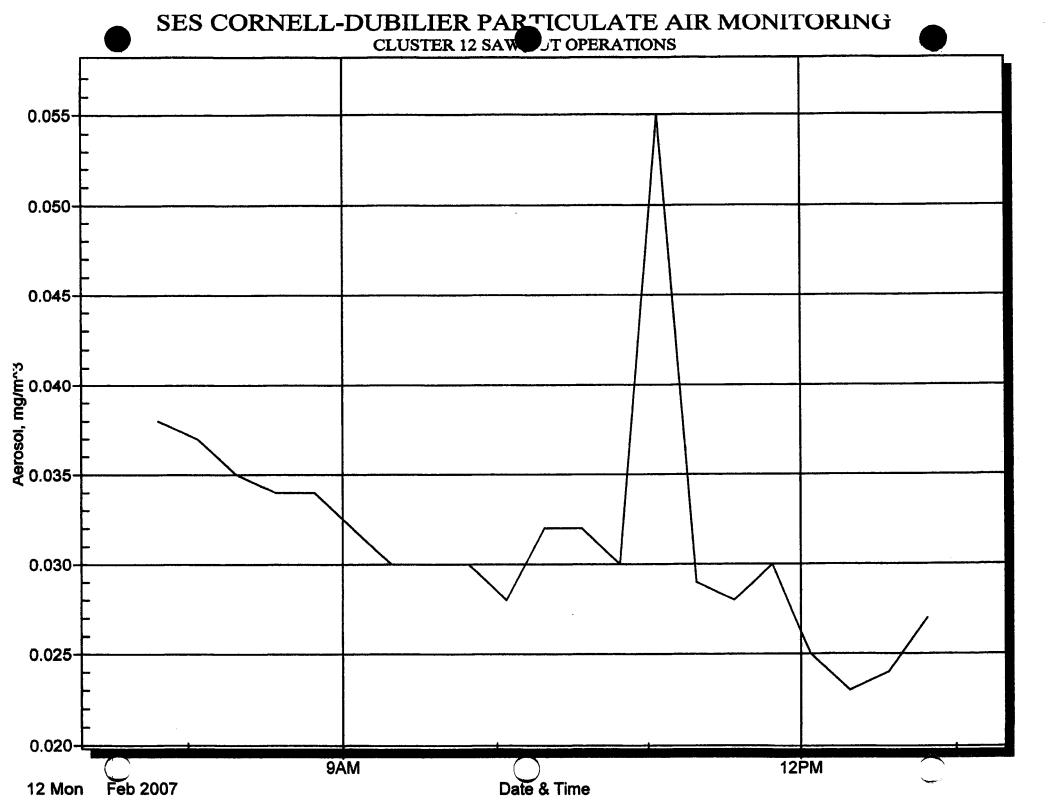
Maximum: 0.121 Time 08:18:22 Date 01/05/2007

Log interval: 00:15:00



Current Graph: N. East Start time: 11:59:05 02/12/2007 Stop time: 15:14:05 02/12/2007

Legend:	Aerosol
Channel:	Aerosol
(Units)	mg/m^3
Average:	0.046
TWA (8hr):	0.019
Start Time	11:59:05
Start Date	02/12/2007
End Time	15:14:05
Minimum:	0.019
Time	15:14:05
Date	02/12/2007
Maximum:	0.103
Time	12:59:05
Date	02/12/2007
Log interval: hh:mm:ss	00:15:00



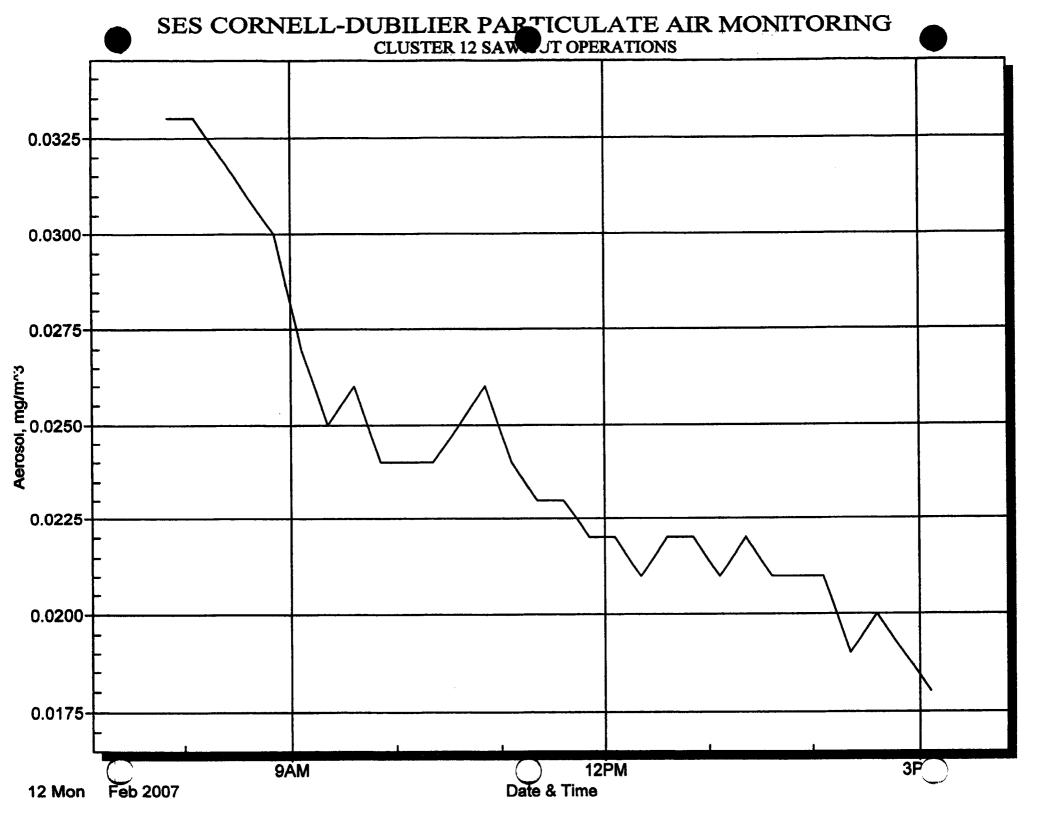
Current Graph: West

Start time: 07:33:47 02/12/2007 Stop time: 12:48:47 02/12/2007

Legend:	Aerosol
Channel: (Units)	Aerosol mg/m^3
Average:	0.032
TWA (8hr):	0.021
Start Time	07:33:47
Start Date	02/12/2007
End Time	12:48:47
Minimum:	0.023
Time	12:18:47
Date	02/12/2007
Maximum:	0.055
Time	11:03:47
Date	02/12/2007

Log interval: 00:15:00

hh:mm:ss



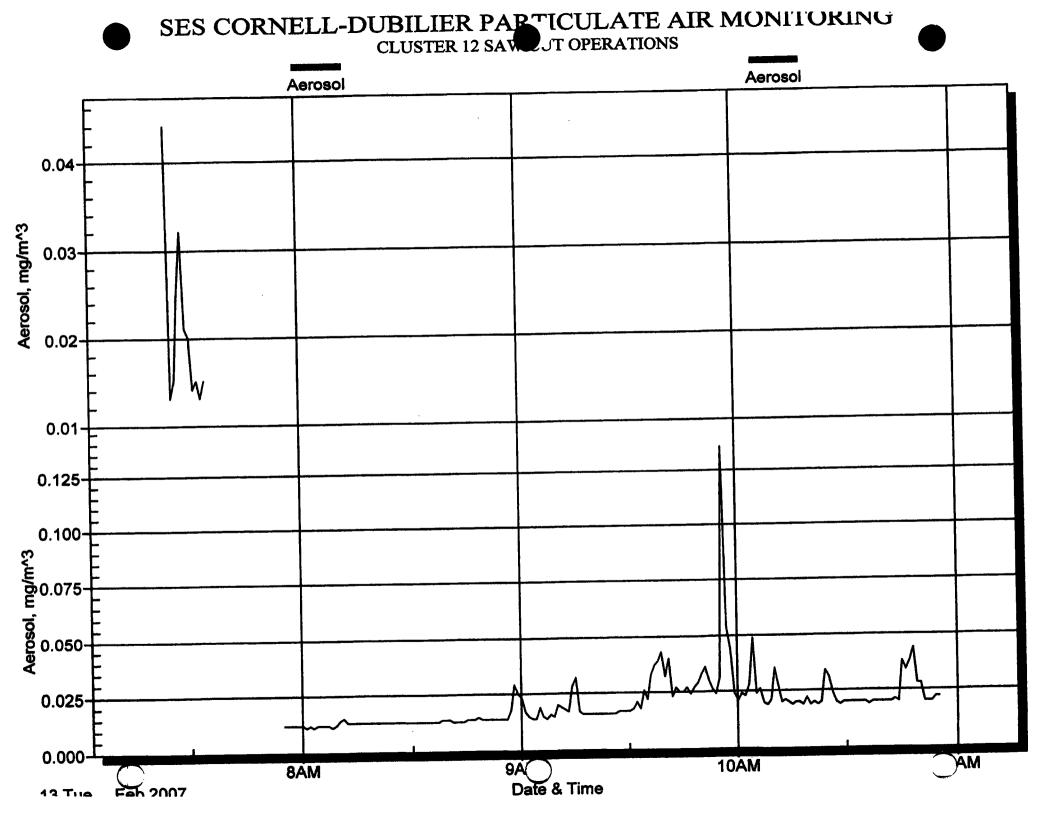
Current Graph: Up Wind Start time: 07:36:02 02/12/2007 Stop time: 15:06:02 02/12/2007

Legend:	Aerosol
Channel:	Aerosol
(Units)	mg/m^3
Average:	0.024
TWA (8hr):	0.023
Start Time	07:36:02
Start Date	02/12/2007
End Time	15:06:02
Minimum:	0.018
Time	15:06:02
Date	02/12/2007
Maximum:	0.033
Time	07:51:02
Date	02/12/2007
Log interval: hh:mm:ss	00:15:00

SES CORNELL-DUBILIER PARTICULATE AIR MONITORING CLUSTER 12 SAW JT OPERATIONS **Aerosol** Aerosol 0.05 0.04 Aerosol, mg/m^{^3} 0.01 0.3 Aerosol, mg/m^A3 0.2-0.1-0.0 8AM 10AM 9AI(13 Tue Feb 2007 Date & Time

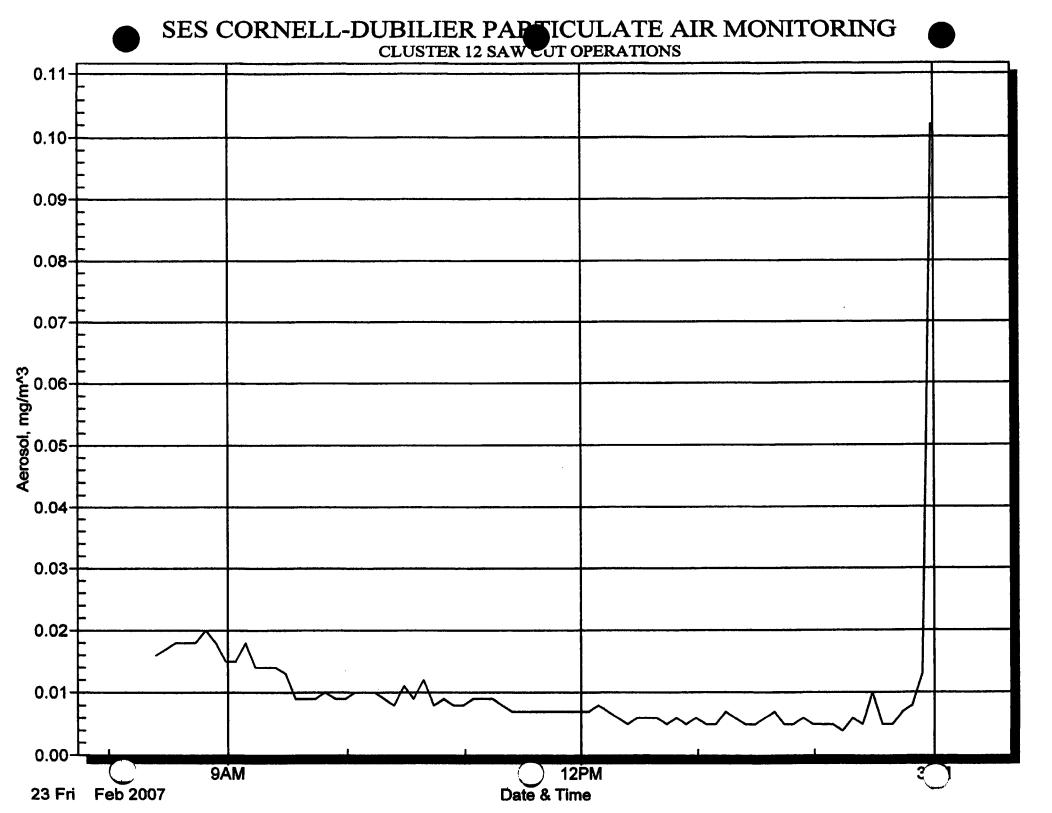
Current Graph: West Start time: 07:22:52 02/13/2007 Stop time: 10:56:39 02/13/2007

) Legend:	Aerosol	Aerosol
Channel: (Units)	Aerosol mg/m ³	Aerosol mg/m^3
Average:	0.019	0.053
TWA (8hr): Start Time Start Date End Time	0.000 07:22:52 02/13/2007 10:56:39	0.021 07:22:52 02/13/2007 10:56:39
Minimum: Time Date	0.012 07:25:52 02/13/2007	0.012 07:50:39 02/13/2007
Maximum: Time Date	0.052 07:23:52 02/13/2007	0.314 08:57:39 02/13/2007
Log interval: hh:mm:ss	00:01:00	00:01:00



Current Graph: East Start time: 07:23:20 02/13/2007 Stop time: 10:55:09 02/13/2007

Legend:	Aerosol	Aerosol
Channel:	Aerosol	Aerosol
(Units)	mg/m^3	mg/m^3
Average:	0.021	0.021
TWA (8hr):	0.000	0.008
Start Time	07:23:20	07:23:20
Start Date	02/13/2007	02/13/2007
End Time	10:55:09	10:55:09
Minimum:	0.013	0.011
Time	07:25:20	08:01:09
Date	02/13/2007	02/13/2007
Maximum:	0.044	0.136
Time	07:24:20	09:56:09
Date	02/13/2007	02/13/2007
Log interval: hh:mm:ss	00:01:00	00:01:00



Current Graph: South

Start time: 08:18:59 02/23/2007 Stop time: 14:58:59 02/23/2007

)Legend:	Aerosol
/	

Channel: Ae: (Units) mg/

Aerosol mg/m^3

Average:

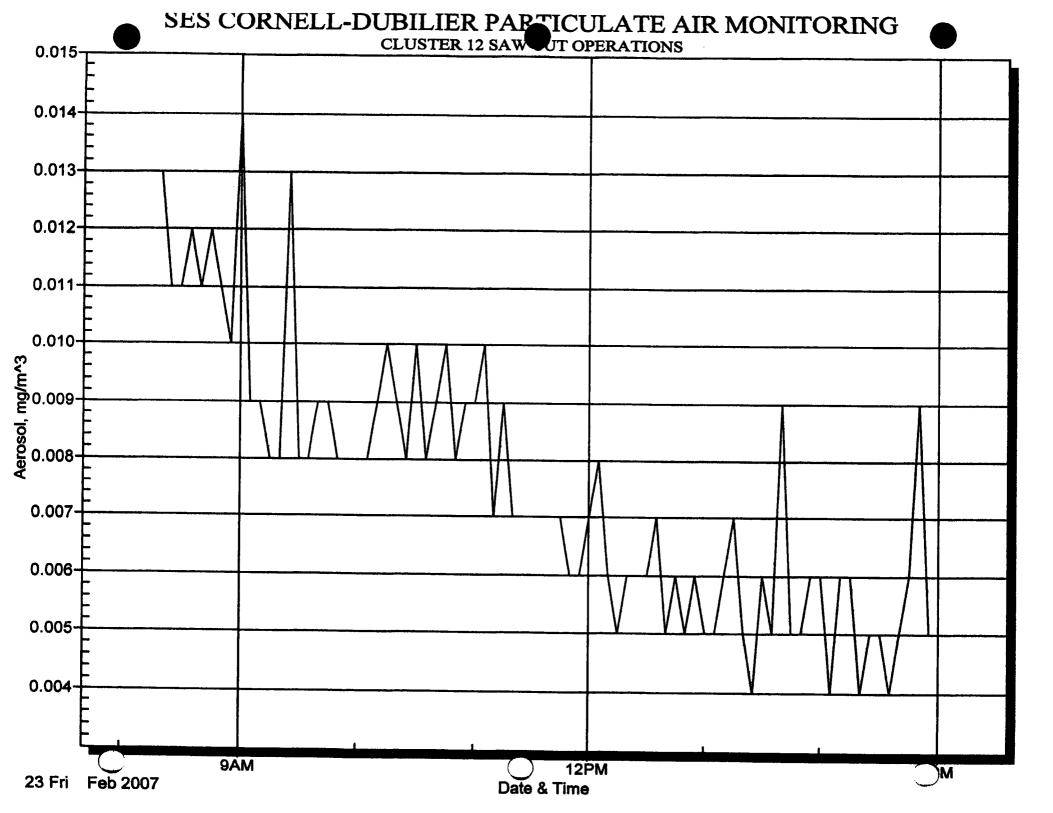
0.010

TWA (8hr): 0.008 Start Time 08:18:59 Start Date 02/23/2007 End Time 14:58:59

Minimum: 0.004 Time 14:13:59 Date 02/23/2007

Maximum: 0.102 Time 14:58:59 Date 02/23/2007

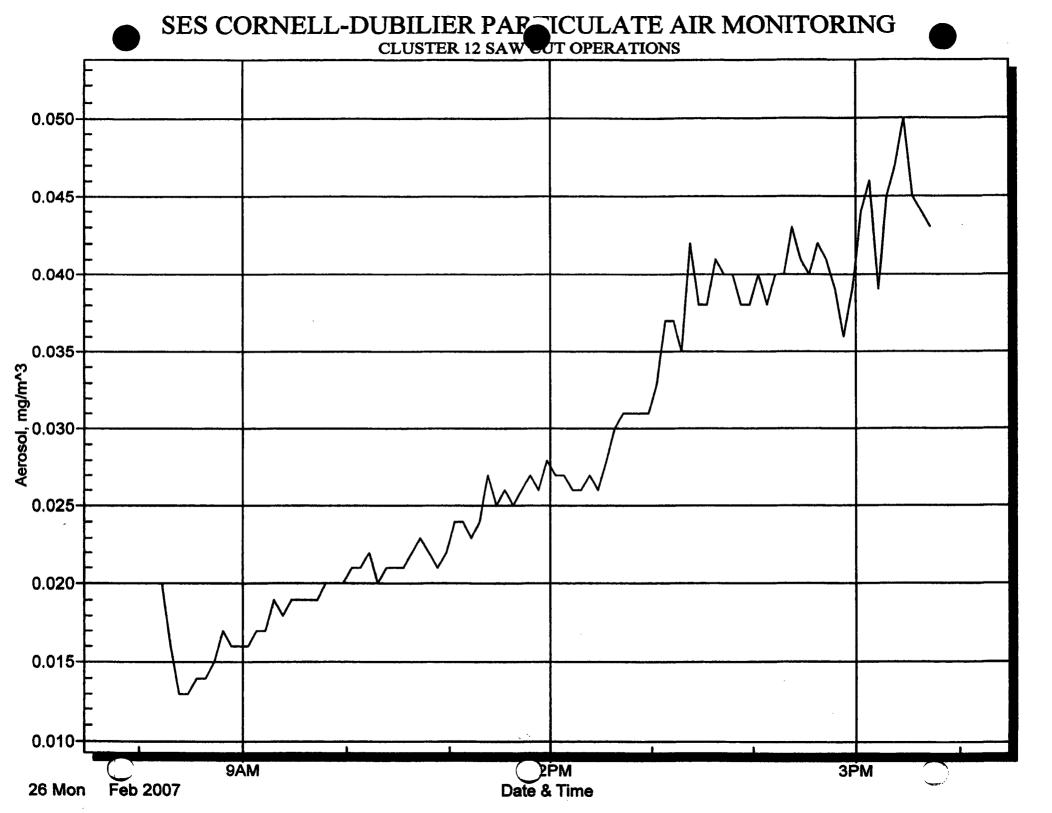
Log interval: 00:05:00



Current Graph: Up Wind Start time: 08:15:09 02/23/2007 Stop time: 14:55:09 02/23/2007

)Legend:	Aerosol
Channel:	Aerosol
(Units)	mg/m^3
Average:	0.008
TWA (8hr):	0.006
Start Time	08:15:09
Start Date	02/23/2007
End Time	14:55:09
Minimum:	0.004
Time	13:25:09
Date	02/23/2007
Maximum:	0.014
Time	09:00:09
Date	02/23/2007
Log interval	00:05:00
Log interval: hh:mm:ss	00:05:00





Current Graph: Up Wind

Start time: 08:08:02 02/26/2007 Stop time: 15:43:02 02/26/2007

)	Legend:	Aerosol
_		

Channel: (Units)

Aerosol mg/m^3

Average:

0.029

TWA (8hr): Start Time

0.027 08:08:02

Start Date End Time

02/26/2007 15:43:02

Minimum:

0.013 08:23:02

Time Date

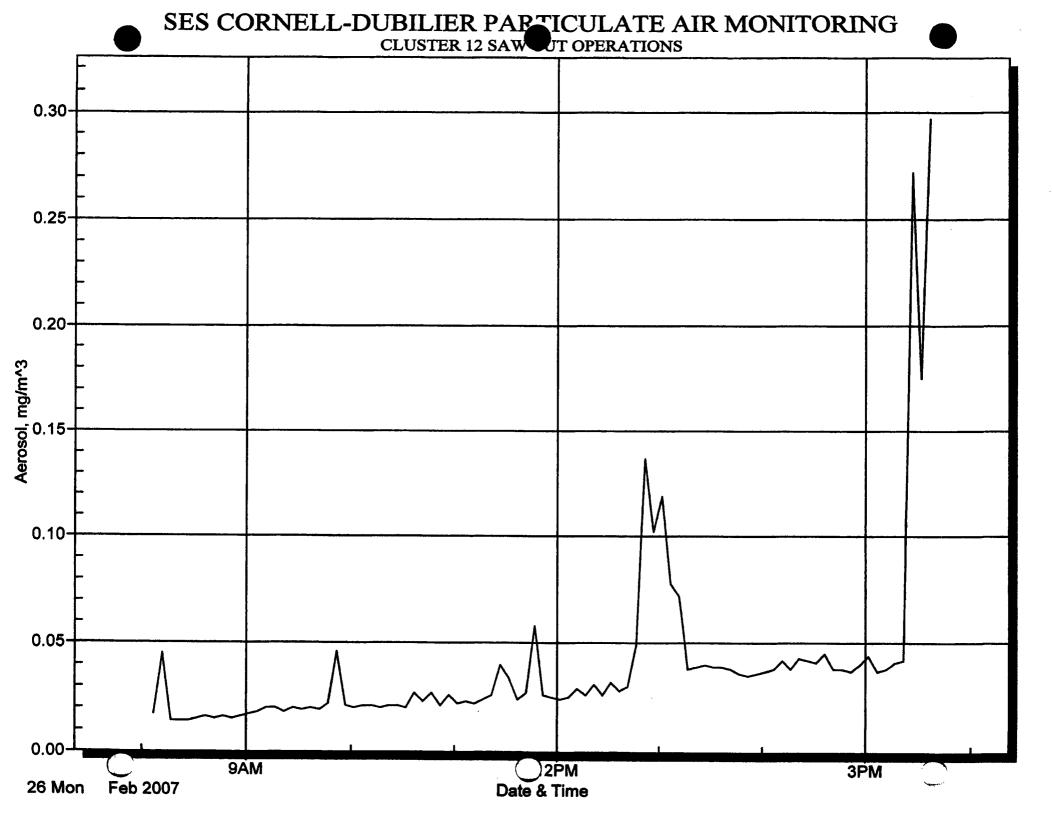
02/26/2007

Maximum:

0.050

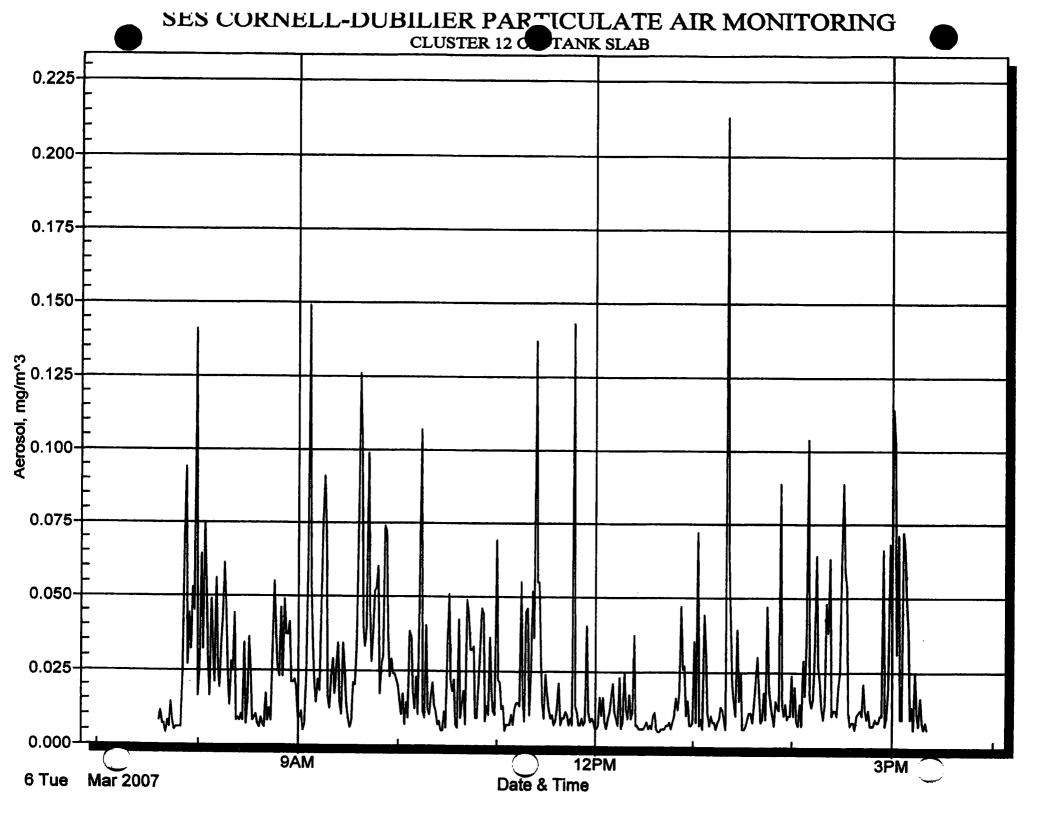
Time Date 15:28:02 02/26/2007

Log interval: 00:05:00



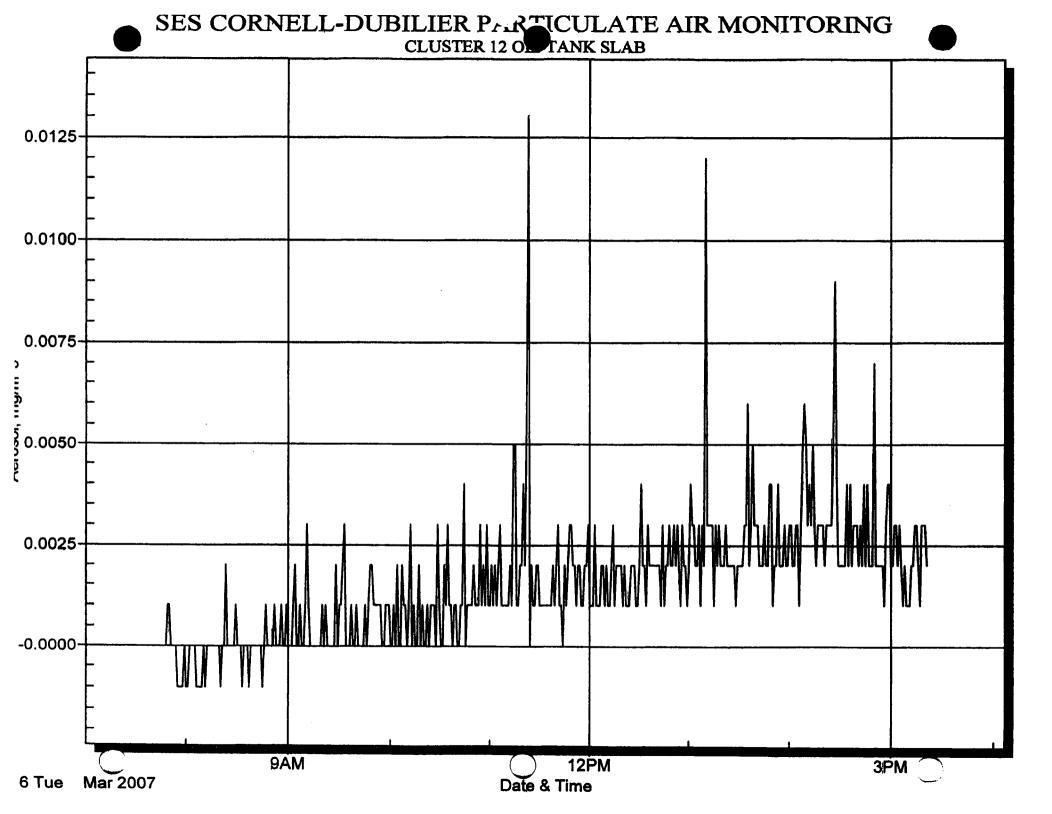
Current Graph: South Start time: 08:01:38 02/26/2007 Stop time: 15:36:38 02/26/2007

Legend:	Aerosol
Channel:	Aerosol
(Units)	mg/m^3
A	0.040
Average:	0.040
TWA (8hr):	0.038
Start Time	08:01:38
Start Date	02/26/2007
End Time	15:36:38
Minimum:	0.014
Time	08:16:38
Date	02/26/2007
Maximum:	0.297
Time	15:36:38
Date	02/26/2007
Log interval:	00:05:00



Current Graph: South Side Start time: 07:35:45 03/06/2007 Stop time: 15:20:45 03/06/2007

Legend:	Aerosol
Channel:	Aerosol
(Units)	mg/m^3
(OHIECS)	mg/m 3
Average:	0.024
(O))	
TWA (8hr):	0.023
Start Time	07:35:45
Start Date	03/06/2007
End Time	15:20:45
Minimum:	0.004
Time	07:40:45
Date	03/06/2007
Maximum:	0.213
Time	13:20:45
Date	03/ 06/ 2007
Log interval:	00:01:00



Current Graph: Up Wind

Start time: 07:46:05 03/06/2007 Stop time: 15:21:05 03/06/2007

Legend: Aerosol

Channel: Aerosol (Units) mg/m^3

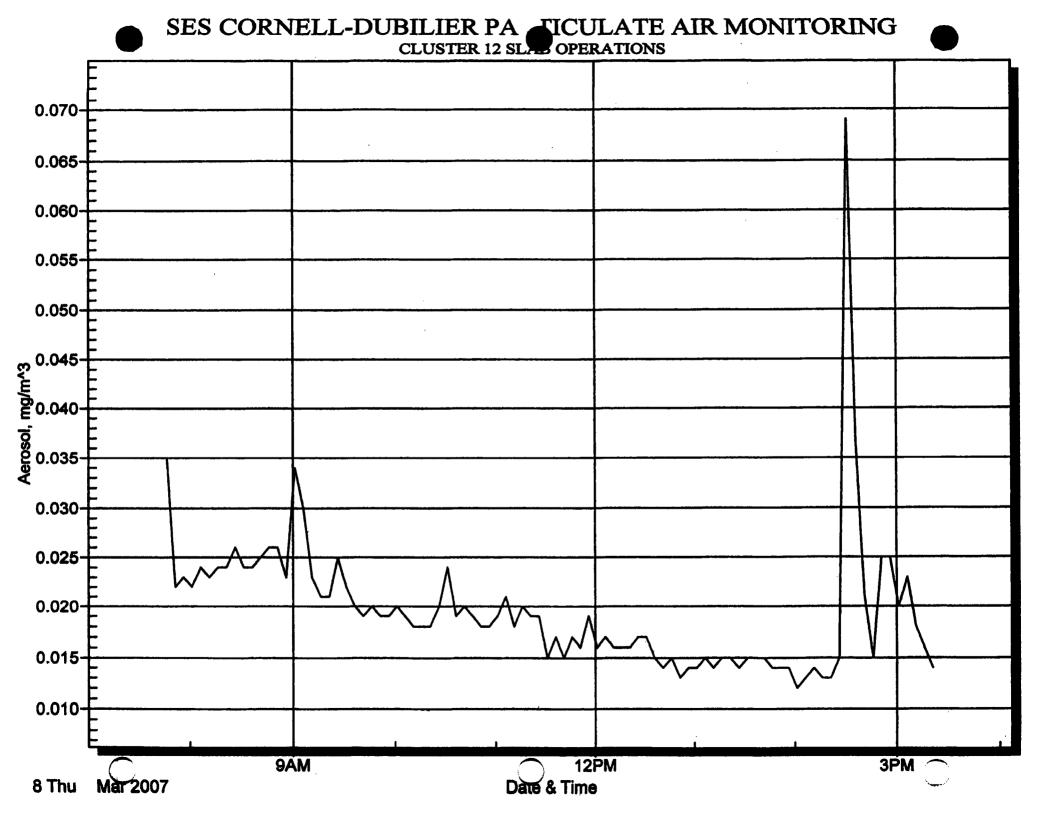
Average: 0.002

TWA (8hr): 0.001 Start Time 07:46:05 Start Date 03/06/2007 End Time 15:21:05

Minimum: -0.001Time 07:55:05 Date 03/06/2007

Maximum: 0.013 Time 11:23:05 Date 03/06/2007

Log interval: 00:01:00



Current Graph: Down Wind

Start time: 07:41:08 03/08/2007 Stop time: 15:21:08 03/08/2007

Legend:	Aerosol

Channel: Aerosol (Units) mg/m^3

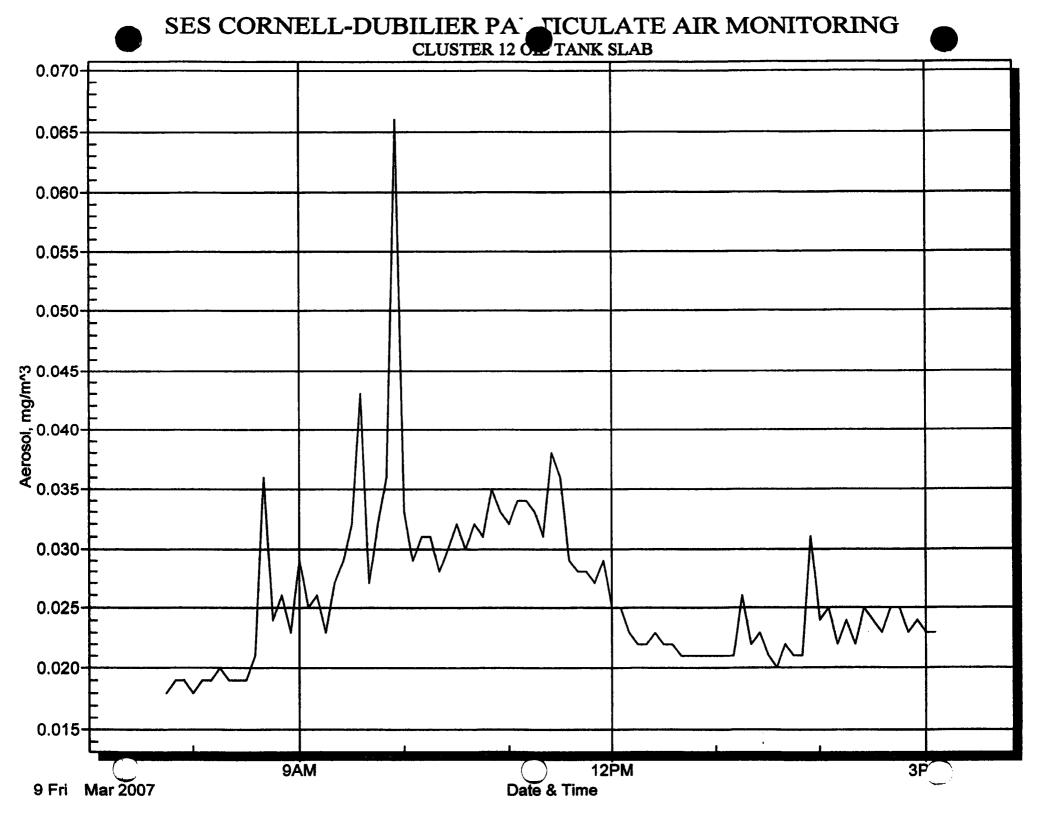
Average: 0.020

TWA (8hr): 0.019
Start Time 07:41:08
Start Date 03/08/2007
End Time 15:21:08

Minimum: 0.012 Time 14:01:08 Date 03/08/2007

Maximum: 0.069 Time 14:31:08 Date 03/08/2007

Log interval: 00:05:00



Current Graph: Down Wind

Start time: 07:40:07 03/09/2007 Stop time: 15:05:07 03/09/2007

Legend: Aerosol

Channel: (Units)

Aerosol mg/m^3

Average:

0.026

TWA (8hr):

0.024 07:40:07

Start Time Start Date

03/09/2007

End Time

15:05:07

Minimum:

0.018 07:45:07

Time Date

03/09/2007

Maximum:

0.066

Time

09:55:07

Date

03/09/2007

Log interval: 00:05:00



Mr. Paul Jung Sevenson Environmental Services 333 Hamilton Blvd. South Plainfield, NJ 07080 January 12, 2007

DOH ELAP# 11626

Account# 10127

Login# L145902

Dear Mr. Jung:

Enclosed are the analytical results for the samples received by our laboratory on January 08, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Flapl Unangot

Sincerely,

Galson Laboratories

F. Joseph Unangst Laboratory Director

Enclosure(s)



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227

FAX: (315) 437-0571 www.galsonlabs.com

Client : Sevenson Environmental Services

Site : CORNELL-DUBILLIER

Project No. : G238

Date Sampled : 04-JAN-07 - 05-JAN-07 Account No.: 10127
Date Received : 08-JAN-07 Login No. : L145902

Date Analyzed : 09-JAN-07 Report ID : 524864

Lead

Sample ID	<u>Lab ID</u>	Air Vol	Total	Conc mg/m3
010407-OPER	L145902-4	290.0	<0.38	<0.001
010507-OPER	L145902-5	904.0	<0.38	<0.0004
LAB BLANK	L145902-6	NA	<0.38	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

 Level of quantitati Analytical Method OSHA PEL (TWA) Collection Media	on: 0.38 ug : mod. NIOSH 7300; ICF : 0.05 mg/m3 : Filter		: LS AN-07 NYS DOH # : 11626
-Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
-Greater Than -Not Applicable	ug -Micrograms ND -Not Detected	l -Liters ppm -Parts per Million	NS -Not Specified



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Client

: Sevenson Environmental Services

Site : CORNELL-DUBILLIER

Project No. : G238

Date Received : 08-JAN-07

Date Sampled : 04-JAN-07 - 05-JAN-07

Account No.: 10127 Login No. : L145902

Date Analyzed : 09-JAN-07 Report ID : 524878

Polychlorinated Biphenyls

Sample ID	Lab ID	Air Vol	Front	Back ug	Total ug	Conc mg/m3	ppm
010407-OPER	L145902-1	59.2	<0.05	<0.05	<0.06	<0.0010	NA
010507-OPER	L145902-2	88.2	<0.05	<0.05	<0.06	<0.00068	NA
LAB BLANK	L145902-3	NA	<0.05	<0.05	<0.06	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

	Level of quantitati Analytical Method OSHA PEL (TWA) Collection Media	on: 0.06 ug : mod. NIOSH 5503; : NA : Filter & Tube	GC/ECD	Submitted by: Approved by: Date: 12-JAN- QC by: Tony D'	rjw 07 NYS DOH # : 11626
< > NA	-Less Than -Greater Than -Not Applicable	mg -Milligrams ug -Micrograms ND -Not Detected	1 -1		kg -Kilograms NS -Not Specified

JGALSON LABORATORIES	Client Account Purchase Order	Phone No. Fax No.	333 Haw South Pu : 908 70 : 208 70 : CORNELL- DEPUMPLOENT PU 17	SSOI SSOI SSOI SDUBILLER Ogram.	57080 Project : 423 8	Phone No. : Fax No. :		ED 14305
Next Day by 6pm 100% Next Day by Noon 150% Same day 200%	Email / Fax Rea Email Address	sults To: Par: Plur6@	SEVENSAN . C		Fax No. :			
Sample Identification	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analys	s Requested	Method Reference	Specific DL Needed
B0407-0PER /	01/04/67	GFF/PT	-59.2		NIOSH S	5503 PCB	5503	
BYO7-DPER	01/04/07	mce 31.		γ.	LEAD	• •	7300	
\$507-0PER ,	01/05/07	GFF/FF34	188,2		PCB		5583	
\$507-0POL,	61/05/07	mce in	904,0		LOAD		7300	
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BS No We normally add description of industry or produments:	a laboratory bla cass / interferenc	nk for each anal e's present in sa	yte. We will cha mpling area:	arge you for this a	it our normal rate.	f you agree please c	heck "Yes" otherwise	check "No".
ain of Custody	Print Name			Clanat			D-4-60	
elinquished by : Paul	Jwh Jwh		12.11	Signature	5 ·	10514	Date/Time	
ceived by LAR	Cherch		1 1140	AL.A		05JAN		
n#: 145902	Samples rece	ived after 3pm		lered as next da	ny's business.	* sample	collection time X L	PM = Air Vol.



Mr. Paul Jung Sevenson Environmental Services 333 Hamilton Blvd. South Plainfield, NJ 07080

January 19, 2007

DOH ELAP# 11626

Account# 10127

Login# L146117

Dear Mr. Jung:

Enclosed are the analytical results for the samples received by our laboratory on January 12, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Flagel Unangot

Sincerely,

Galson Laboratories

F. Joseph Unangst Laboratory Director

Enclosure(s)



6601 Kirkville Road East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.galsonlabs.com

Client

: Sevenson Environmental Services

Site : Cornell Dubilier

Project No. : G238

Date Sampled : 09-JAN-07

Date Received : 12-JAN-07

Account No.: 10127

Date Analyzed : 16-JAN-07

: 525209

Report ID

Login No. : L146117

Lead

Sample ID	Lab ID	Air Vol	Total	Conc mg/m3
010907-OPER	L146117-4	650	<0.38	<0.0006
LAB BLANK	L146117-5	NA	<0.38	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

	OSHA PEL (TWA)	: 0.38 ug : mod. NIOSH 7300; ICP : 0.05 mg/m3 : Filter	MS	Submitted by Approved by Date : 17-JAN QC by: Tony N	: LS N-07 NYS DOH # : 11626
>	-Less Than -Greater Than -Not Applicable	mg -Milligrams ug -Micrograms ND -Not Detected	1	-Cubic Meters -Liters -Parts per Million	kg -Kilograms NS -Not Specified



6601 Kirkville Road

East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.galsonlabs.com Client : Sevenson Environmental Services

Site : Cornell Dubilier

Project No. : G238

Date Sampled : 09-JAN-07 - 10-JAN-07 Account No.: 10127
Date Received : 12-JAN-07 Login No. : L146117

NS -Not Specified

Date Analyzed : 17-JAN-07 Report ID : 525363

Polychlorinated Biphenyls

<u>Sample ID</u>	<u> Lab ID</u>	Air Vol liter	Front ug	Back ug	Total ug	Conc mg/m3	ppm
010907-OPER	L146117-1	99.6	<0.05	<0.05	<0.06	<0.00060	NA
011007-OPER	L146117-2	36	<0.05	<0.05	<0.06	<0.0017	NA
LAB BLANK	L146117-3	NA	<0.05	<0.05	<0.06	NA	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Level of quantitation: 0.06 ug

Analytical Method : mod. NIOSH 5503; GC/ECD

OSHA PEL (TWA) : NA

Submitted by: mj/np

Approved by : rjw

Date : 19-JAN-07 NYS DOH # : 11626

Collection Media : Filter & Tube QC by: Tony D'Amico

< -Less Than mg -Milligrams m3 -Cubic Meters kg -Kilograms</pre>

> -Greater Than ug -Micrograms l -Liters
NA -Not Applicable ND -Not Detected ppm -Parts per Million



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FAX: (315) 437-0571

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LABORATORY FOOTNOTE REPORT

Client Name : Sevenson Environmental Services

Site : Cornell Dubilier

Project No. : G238

Date Analyzed: 16-JAN-07 - 17-JAN-07

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

L146117 (Report ID: 525209) : SOPs: im-icpms(2), im-mwvfilt(4)

Reported results reflect elemental analysis of the requested metals. Certain compounds may not be solubilized during digestion, resulting in data that is biased low.

L146117 (Report ID: 525363) : SOPs: ig-pcbn5503(2)

Total ug corrected for a desorption efficiency of 90%.

< -Less Than
> -Greater Than
NA -Not Applicable

mg -Milligrams ug -Micrograms ND -Not Detected m3 -Cubic Meters
1 -Liters
ppm -Parts per Million

kg -Kilograms NS -Not Specified

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1 × 300	Report To :	SEVENSON	7		Invoice To	SEVENSON.	
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LABORATORIES		S. PLANFIL	TI).	NJ 07080	·	NF, NY 1430	
6601 Kirkville Rd New	Client ? yes Xno Phone No. :						******
East Syracuse, NY 13057 Tel: (315) 432-5227	Phone No. :	908769 5	5301		Phone No.:	7/62840431	
888-432-LABS (5227)		908 769 6			Fax No. :	716 284 1786	
Fax: (315) 437-0571 www.galsonlabs.com			1				•
	Site Name:	CORNEL D	BILIGE	Project: 6238		Sampled By : Just	WILSON
Need Results By: (surcharge)	X Samples submitted using the Free	PumpLoan™ Program				olingBadges™ Program.	
5 Business Days 0%	Client Account No. : 1012.7		<u> </u>				
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Sample Identification	Date Sampled Collection Medium	(Liters)	sive Monitors (Min)	Analysis R	dequested '	Method Reference	Specific DL Needed
OBU907-UPER	9 JAN 67 GFF/FT \$	99.6		PCB		5503	
0 10907 - 5PER	9 JANDT MCE USK	650	7	LEAD		7300	
OHOOT-DAGE	10 JAN 07 GAF/AT &	36	-	PCB		5503	
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JAN-07							•
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Yes No We normally add	l a laboratory blank for each analyt	e. We will charge y	où for this	at our normal rate. If yo	u agree piease	check "Yes" otherwise	check "No".
List description of industry or proc	cess / interference's present in san	npling area:	<u> </u>				
Comments:)				
	· · · · · ·		1				
Chain of Custody	Print Name		Signatu	re		Date/Time	
Relinquished by : Au	Jun6	tou	38		10 JAN)
Received by LAB:	Des 6-	De	1/2		1/12/07	11:15	
Login #: <u>6146117</u>	Samples received after 3pm w	vill be considered	as next d	lay's business.		e collection time X LF	PM = Air Vol

LAB ORIGINAL



Mr. Steve Wilson Sevenson Environmental Services 333 Hamilton Blvd, South Plainfield, NJ 07080

February 22, 2007

DOH ELAP# 11626

Account# 10127

Login# L147801

Dear Mr. Wilson:

Enclosed are the analytical results for the samples received by our laboratory on February 15, 2007. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Client Services at (888) 432-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Flapl Unangot

Sincerely,

Galson Laboratories

F. Joseph Unangst Laboratory Director

Enclosure(s)



6601 Kirkville Road

East Syracuse, NY 13057

(315) 432-5227 FAX: (315) 437-0571 www.galsonlabs.com

Client : Sevenson Environmental Services Site

: Cornell-Dubilier

Project No. : G238

: 02-FEB-07 - 13-FEB-07 Account No.: 10127 Date Sampled Date Received : 15-FEB-07 Login No. : L147801

Date Analyzed : 16-FEB-07 Report ID : 528172

Polychlorinated Biphenyls

Sample ID	<u>Lab ID</u>	Air Vol _liter	Front ug	Back ug	Total ug	Conc mg/m3
020207DRUM	L147801-1	12.8	<0.05	<0.05	<0.06	<0.0047
021207SAW	L147801-2	22	<0.05	<0.05	<0.06	<0.0027
021307SAW	L147801-3	24.4	<0.05	<0.05	<0.06	<0.0024
LAB BLANK	L147801-4	NA	<0.05	<0.05	<0.06	NA

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Ai O	evel of quantitation nalytical Method SHA PEL (TWA) ollection Media	n: 0.06 ug : mod. NIOSH 5503; GC : NA : Filter & Tube	/ECD	Submitted by Approved by Date : 22-FE QC by: Tony	: NS CB-07 NYS DOH # : 11626
> -	Less Than Greater Than Not Applicable	mg -Milligrams ug -Micrograms ND -Not Detected	1	-Cubic Meters -Liters -Parts per Million	kg -Kilograms NS -Not Specified



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LABORATORY FOOTNOTE REPORT

Client Name : Sevenson Environmental Services
Site : Cornell-Dubilier
Project No. : G238

Date Sampled : 02-FEB-07-13-FEB-07 Account No.: 10127 Login No. : L147801 Date Received: 15-FEB-07

Date Analyzed: 16-FEB-07

Unless otherwise noted below, all quality control results associated with the samples were within established control limits and/or do not adversely affect the sample results.

L147801 (Report ID: 528172) : Total ug corrected for a desorption efficiency of 90%.

SOPs: ig-pcbn5503(2)

< -Less Than -Greater Than NA -Not Applicable mg -Milligrams ug -Micrograms ND -Not Detected

m3 -Cubic Meters 1 -Liters ppm -Parts per Million kg -Kilograms NS -Not Specified

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East Syracuse, NY 13057	New	v Client ? U yes	Dhone Ne		6 (2)		51 N -		
Tel: (315) 432-5227		7		908-76				r-384-042	
888-432-LABS (5227 Fax: (315) 437-0571	7)		Fax No.	: 908 - 76°	7-5303		Fax No. : 71	6-284-179	6
www.galsonlabs.com			5 74 M.	 11 .			_		/ /
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Appendix C

Asbestos Air Monitoring & Certificates of Disposal

 	(Read Instructions or	R'S CERTIFICATES	OF COMPLIANCE or to initiating this form)	PLES, OR	DATE:	mber 21, 2006	TRAN	ISMI NO	2.
Section	1 REQUE	ST FOR APPROVAL	OF THE FOLLOWING ITE	MS (This section	will be initiated b	v the contractor)			
;	USACE Patrick Nejand 333 Hamilton Blvd. South Plainfield, NJ 07080	FROM:	nmentai Services, Inc. I.	CONTRACT W91)23	R Ti	nis is a New Subsubmittal of ransmittal No. e: This Transmittal is a Cov't Ap	for
SPECIF	ICATION SEC. NO. (Cover anly one sec	tion with each transmittal)	PROJECT TITLE AND	LOCATION:					
	13280A		Cornell-Dubilier Electr	onics Superfi	und Site OU2	<u> </u>	South	Plainfield, i	N I
NO.	DESCRIPTION OF ITEM (Type, size, model num		MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO.	NO. OF COPIES	CONTRACT	REFERENCE JMENT	For Contractor Use	VARIATIONS (See	FOR CE USE CODE
a.	b .		(See instruction No. 8)		SPEC. PARA. NO.	DRAWING SHEET NO.	Use	No. 6)	
1	Asbestos Monitoring Samples re- of Asbestos pipe from the oil tank	sults for the removal	<u> </u>	<i>d.</i> 3	<u>e.</u> 1.3	f.	<i>g.</i> A	h.	/.
1 copy for c.cSES- Section II	N. Kolb, USACE, Project Field Office, E. Urbanik, USACE N. Resident O P. Mannino, USEPA Project Mana File	ffice, NY District, 214 Sta ger, Region 2, Project Fiel	nte Highway 18 N, E. Brunswick, N Id Office, 333 Hamilton Blvd, Sout APPROVAL ACTION	th Plaifield, NJ 070	Specification NAM	at the above submitted that the above submitted that in strict conform one except as otherways. Tambrana, SES AE AND SIGNAT	nance with the C	Contract Drawings	etall and
•	RES RETURNED (List by Item No.) RM 4025, March 95 (ER		D SIĞNATURE OF APPROV	ING AUTHORIT	ΓY		DATE		
	(E)	(415-1-10) EDITION	OF Sept 93 IS OBSOLETE				SHEE	T 1 OF	1

Assessment Resources & Technologies, inc. 101 Maiden Lane - Suite 404 New York, NY 10038 (212)785-0266 fax(212)785-023

To: William Zambra From: Paul Ottens

Re:

(908) 243-0320

Date: December 15, 2006

Pages: 4

☐ Urgent For Review

☐ Please Comment ☐ Please Reply ☐ Please Recycle

William.

Here are the PCM sample results for Cornell.

All were within acceptable limits.

If you have any questions, please beep call on me.

Sincere

enior Consultant

ASSESSMENT, RESOURCES, & TECHNOLOGIES, Inc.
101 Maiden Lane, Suite #404: NYC, NY 10038 Phone (212) 785-0266 / Fax (212) 785-0234 /
Email - ART-CORP net

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ATC ASSOCIATES INC. -- NEW YORK 104 East 26" Street, 10" Picce, New York, NY 10010 Phore: (217: 363-2280, Fax: 2/12) 383-3589 or 8005

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A.R.

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MINERVA ENTERPRISES, LLC

8955 Minerva Road • P.O. Box 709 Waynesburg, Ohio 44688 Phone: (330) 866-3435 Fax: (330) 866-3488

CERTIFICATE OF DISPOSAL

December 23, 2006	in accordance with all
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TRI-STATE TRANSFER ASSOC., INC. 1199 Randall Avenue 3
Bronx, New York 10474
718/617-0771 - Fax: 718/378-5858

J8T. NY DEC 2A456 NJ DEP SW1896 MANGEST NO. 61579

MEI Certified Original COPY

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NON - HAZARDOUS WASTE MANIFEST

DATE 12-19-200

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Designated disposal famility's owner or operator certification of receipt of waste covered by this manifest except as noted in the discrepancy indication epace

Appendix D

Tank Sampling Results

AITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL JAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE (Read Instructions on the reverse side prior to initiating this form)

DATE:

TRANSMITTAL NO.

December 21, 2006

20

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Section 1	1 REQUE	ST FOR APPROVAL	OF THE FOLLOWING ITE	MS (This secti	on will b	e Initiated by	the contractor)		· · · · · · · · · · · · · · · · · · ·	
5 5	JSACE Patrick Nejand I33 Hamilton Bivd. South Plainfield, NJ 07080	FROM: Sevenson Enviro 2749 Lockport Ro Niagara Falls, NY	nmental Services, inc.	CONTRAC	2T NO.		23	R T	nis is a New Su debsubmittal of ransmittal No. e: This Transmittal is	for
SPECIFIC	CATION SEC, NO. (Cover only one sec	tion with each transmittal)	PROJECT TITLE AND L	OCATION:			·	- 		
	02650		Cornell-Dubilier Electr	onics Supe	rfund :	Site OU2		South	Plainfield,	NJ
NO.	DESCRIPTION OF ITEMS SUBMITTED (Type, size, model number, etc.)		MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO.	NO. OF COPIES	co	CONTRACT REFEREN		For Contracto r Use	VARIATIONS (See instruction	FOR CE USE CODE
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FAX LEAD SHEET

WASTE STREAM TECHNOLOGY

302 GROTE STREET
BUFFALO, NY 14207
Phone (716)876-5290 Fax (716)876-2412

Environmental Laboratory Services, Radiological Laboratory Services, Treatability Studies, and Bioremediation Supplies and Services

If this fax is incomplete or illegible, please call the number listed above.

DATE: 12/14/04

NUMBER OF PAGES (including cover):

TO: KIM SAM

FAX NUMBER:

FROM: WISTER

9082430320

MESSAGE:

Report for work order 1643012.

Confidentiality Notice:

This transmission is intended for the use of the individual or entity to which it is addressed and may contain confidential information that is privileged and exempt from disclosure under applicable law. Please call the number listed above if you have received this transmission in error. Destroy the original transmission without reading or saving in any manner. Thank you.

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report
Report Date: 12/14/06
Work Order Number: 6L13012

Prepared For Kim Lickfield Sevenson/G-Jobs 2749 Lockport Road Niagara Falls, NY 14305 Fax: (908) 243-0320

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/13/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Blectronics G-238

Project Manager: Kim Lickfield

Reported: 12/14/06 15:29

ANALYTICAL RI	ANALYTICAL REPORT FOR SAMPLES										
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Project: Cornell-Dubilier Electronics

Project Number: Comell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 12/14/06 15:29

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Dec: 14. 2006 4:05PM

No. 9037 P. 5/6

Sevenson/G-Jobs 2749 Lockport Road Niagara Falls NY, 14305 Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 12/14/06 15:29

Notes and Definitions

U Analyte included in the analysis, but not detected

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

10 REMARKS

4:05PM

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Packing, Storing, and Shipment of Samples Checklist

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Sampling Date 12-12-6 Complete this form for each recovery or monitoring well sampling location inspected. Answer each question by checking the appropriate column (yes, no, not observed (N/O) or not applicable (N/A). If "no" is checked, provide an explanation of the non-compliance and associated corrective action(s). Packing, Storing and Shipment of Samples 1. Were the samples handled according to the FSP and QAPP? 2. Did the samples remain on ice or refrigerated (except for sample transfer from coolers or refrigeration) from collection until the cooler was taped tor shipment? 3. Were Chain-of-Custody forms filled out accurately and completely, including the project name and number, sampling date and litne, analytical parameter, and media sampled? 4. Were Chain-of-Custody forms signed and dated by the preparer and the form taped to the inside of the cooler lid? 5. Were signed and dated custody seals property placed on the cooler and the cooler sealed with stropping tape?			
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	r moni ach qu no, no ed, pr d associ les Yes X	r monitoring vach question no, not observed, provide of associated of associated of the second of th	r monitoring well ach question by no, not observed (N/ ed, provide an d associated correct

Field Documentation Checklist

Pro	pject Name/Job Number <u>Carnell-Dubilier</u>	G238		
Re	covery/Monitoring Well Number			
Sai	mpling Date 12-12-06			·
no,	pected. Answer each question by checking , or not applicable (N/A). If "no" is checked,	the approprovide an	riate colum	n (ve
Fie	ld Documentation			
		<u>Yes</u>	<u>No</u>	N/A
l. nk?	Was all original field data recorded in black indelible	λ		-
<u>?</u> .	Were log books filled out properly, accurately recounting	Ķ		
ecorde	Were all field forms completed and information accurately	X		
. Chain	of Custody Forms	·		
	Recovery/Monitoring Well Number Sampling Date 12-12-06 Complete this form for each recovery or monitoring well sampling location inspected. Answer each question by checking the appropriate column (yes no, or not applicable (N/A). If "no" is checked, provide an explanation of the non-compliance and associated corrective action(s). Field Documentation Yes No N/A Was all original field data recorded in black Indelible R? Were log books filled out properly, accurately recounting e day's events?			
Not	es/Comments			
QC	Inspector Name and Signature			
Date	e 12-12-06			

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See instructions on back. Visit UPS.com® or call 1-800-PICK-UPS® (800-742-5) for additional information and Terms and Conditions.	STRUICE FOR WORLDWIDE EXPRESS SHIPMENTS Mark as "I" in this box it shipment only commercial value. DOCUMENTS ONLY ONLY
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MANVILLE NJ 08835-1428 2 EXTREMELY URGENT DELIVERY TO	D/ iE
Name TELEPHONE Sample Custodian 716-876-5290 COMPANY	THIRD PARTY'S COMPANY NAME STREET ADDRESS
Waste Stream Technology Inc. Street Address DEPT./FLR. R. 302 Grote St.	CITY AND STATE ZIP CODE
CITY AND STATE (INCLUDE COUNTRY IF INTERNATIONAL) ZIP CODE BUSCOLD, NY 14207	The displace controlled UP to set or instructive game for some control over control marginary five displace certains that these commences, including in the least Administration beguing the displacement of the least Administration beguing the displacement of the least of problems. [10] SHIPPER'S SIGNATURE Commences Commenc
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Sevenson Environmental Services	TEC	HNOL	OGY	GRO	UP#_					·		
333 Hamilton Blud	Waste Stream	n Techr	nology Inc.	DUE	DATE			·	•		ARE SPECIAL DETE	CTION LIMITS
Bouth Plainfield, NJ 07080	302 Grote Stre (716) 876-5290					TURN					REQUIRED: YES NO	
Sam Touchris		Γ_{c}	DW DRINKING WATER	SL SLUDGI	:		5 d			,	If yes please attach	requirements.
Sam Taveloris NTACT 716-609-1775		/ 5	GW GROUND WATER SW SURFACE WATER	SO SOIL S SOLID	1	QUOT			ER:		Is a QC Package rec	ouired:
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Seetle -	(Read Instructions of	n the reverse side pr	or to initiating this form)		3	nuary 2, 2007		41		
Section	REQUE	ST FOR APPROVAL	OF THE FOLLOWING ITE	EMS (This section	n will be initiated	by the contractor)	<u>-</u>			
ļ 3	USACE Patrick Nejand 333 Hamilton Blvd. PROM: Sevens 2749 Lo		Nejand Sevenson Environmental Services, Inc. 2749 Lockport Rd. Niagara Falls, NY 14305 W91 Tasi			0023	T Check Or	This is a New Submittal Rebsubmittal of Transmittal No Check One: This Transmittal is for		
SPECIFI	CATION SEC, NO. (Cover only one see	Zion with each transmittal)	PROJECT TITLE AND	LOCATION			_ FIC	X Gov't Ar	proval	
	02650	,	Cornell-Dubilier Electr		iumd Ska Ol	10				
NO,			MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO.	NO. OF COPIES	CONTRAC	T REFERENCE CUMENT	For Contracto	ntracto (See		
a.	b .		(See instruction No. 8)		SPEC. PARA. NO.			No. 6)		
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1 copy for c.cSES-	N. Kolb, USACE, Project Field Office, E. Urbanik, USACE N. Resident O P. Mannino, USEPA Project Mana	BAA NIV District Access		NJ 08816 th Plaifield, NJ 070	Specifical Specifical Willis	that the above submitteed and in strict conformations except as otherward arm Zambrana, SES	nance with the (Contract Drawings	letelf and and	
Section II			APPROVAL ACTION	· 						
	RES RETURNED (List by Item No.)	NAME, TITLE AN	ND SIGNATURE OF APPROV	/ING AUTHORI	TY		DATE			
NG FOR	M 4025, March 95 (EF	(415-1-10) EDITION	OF Sept 93 IS OBSOLETE				SHE	T_1_0F		

vec. 22. ZVVD J:45PM

FAX LEAD SHEET

WASTE STREAM TECHNOLOGY

302 GROTE STREET BUFFALO, NY 14207 Phone (716)876-5290 Fax (716)876-2412

Environmental Laboratory Services, Radiological Laboratory Services, Treatability Studies, and Bioremediation Supplies and Services

If this fax is incomplete or illegible, please call the number listed above.

DATE: 12-22-06

NUMBER OF PAGES (including cover):

TO: Kim

FAX NUMBER:

FROM: WST

(908) 243-0320

MESSAGE: Republis for Samples received 12/15/06
Meny Christons-Bi

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WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 12/22/06 Work Order Number: 6L15006

Prepared For Kim Lickfield Sevenson/G-Jobs 2749 Lockport Road Niagara Falls, NY 14305 Fax: (908) 243-0320

Site: Cornell-Dublier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/15/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

L. S. Selynt

Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





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No. 9240 P. 3

Sevenson/G-Jobs 2749 Lockport Road Njagara Falis NY, 14305 Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 12/22/06 15:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Cluster-12-Tank-Concrete-SW Wall-121406	6L15006-01	Solid	12/14/06 11:20	12/15/06 10:00
G238-Cluster-12-Tank-Concrete-E-Wall-121406	6L15006-02	Solid	12/14/06 13:40	12/15/06 10:00

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubiller Electronics G-238

Project Manager: Kim Lickfield

Reported: 12/22/06 15:30

TCLP Metals by 6000/7000 Series Methods

		Reporting		- W ?	D-1-1	Danas	A 1 4	Method	Notes
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Michiga	MORES
G238-Cluster-12-Tank-Concrete-SW	Wall-121406 (6L	15006-01) Sol	id San	npleð <u>: 12/1</u>	4/06 11:20	Received	k 12/15/06 1	10:00	
Mercury	ND	0.001	mg/L	i	AL62015	12/20/06	12/20/06	BPA 7470A-TCLP	Į
Silver	ND	0.025		5	AL62114	12/21/06	12/21/06	6010B	ι
Arsenic	ND	0.045	•	•	•	•	•		ţ
Bariom	0.296	0.025		•				•	I
Cadmium	ND	0.025	•		•	•		•	. (
Chromium	ND	0.025	•		•	•	•	•	Į
Lead	ND	0.075	*	•	•			•	ι
Selcnium	ND	0.095	•	•	*	•	-	•	ι
G <u>238-Cluster-12-Tank-Concrete-E-V</u>	Vall-121406 (6L15	i006- <u>02) Solid</u>	Samp	led: 12/14/	06 <u>13:40</u>	Received:	<u>12/15/06 10</u>	:00	
Mercury	ND	0.001	mg/L	1	AL62015	12/20/06	12/20/06	EPA 7470A-TCLP	ŧ
Silver	ND	0.025	•	5	AL62114	12/21/06	12/21/06	6010B	τ
Arsenic	ND	0.045	•		•		•	•	t
Berjum	0.217	0.025		•	•	₩.		•	E
Cadmium	ND	0.025		•	•	•		•	ī
Chromium	ND	0.025	•	•	•		•	•	ī
Lead	ND	0.075	•			•		•	τ
Selenium	ND	0.095		•	•	•	•	•	ť

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 12/22/06 15:30

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Tank-Concrete-SW V	Vall-121406 (6L	15006-01RI	(1) Solid	Sampled	12/14/06	11:20 Rec	eived: <u>12/15/</u> 0	6 10:00	
Aroclor 1016	ND	33.0		10	AL62118		12/22/06	8082	
Aroclor 122 i	ND	33.0	•	•	•	•	•		1
Aroclor 1232	ND	33.0	•		•	•		•	ŧ
Aroclor 1242	ND	33.0	•						u
Aroclor 1248	ND	33.0	•	h	•	•			Ţ.
Aroclor 1254	1010	33.0				•		н	•
Aroclor 1260	ND	33.0	•		•	•	•	•	U
Surrogate: Tetrachioro-meta-xylene		120 %	61-	140					
Surrogate: Decachlorobiphenyl		89.5 %	56-		•			•	
G238-Cluster-12-Tank-Concrete-E-Wa	N-121406 (6L15	006-02RE1)	Solid S	ampled: 1	2/14/06 13	:40 Receiv	e <u>d: 12/15/06</u>	16-06	
Aroclor 1016	ND	16.5	ug/kg dry	5	AL62118	12/21/06	12/22/06	8082	
Aroclor 1221	ND	16.5	-9-9-17	í	PLUZIII	1421100	12/22/00	8V\$Z	ט
Aroclor 1232	ND	16.5		•		■.		-	U
Aroclor 1242	ND	16.5	•					-	U
Aroclor 1248	ND	16.5					-	_	บ
Arocior 1254	454	16.5					-	_	บ
Arccior 1260	ND	16.5	•	•		•	-	•	
Surrogate: Tetrachloro-meta-xylene		132 %	61-1	10			 -		U
Surrogate: Decachlorobiphenyl		115 %	56-1		•			*	

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 12/22/06 15:30

Conventional Chemistry Parameters by EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Butch	Prepared	Analyzed	Method	Notes
G238-Cluster-12-Tank-Conc	rete-SW Wall-121406 (6L1	5006-01) S <u>ol</u>	id Sar	npled: 12/1	4/06 11:20	Receive	d: 12/15/06 10	:00	
% Sojids	86.1	0.1	%	ì	AL62202	12/21/06	12/22/06	% calculation	
G238-Cluster-12-Tank-Conc	rete-E-Wall-121406 (6L150	06-02) Solid	Samp	led: 12/14/	0 <u>6 13:40</u>	Received:	12/15/06 10:0	0	~
% Solids	85.7	0.1	%	ı	AL62202	12/21/06	12/22/06	% calculation	

Dec. 22. 2006 3:46PM

No. 9240 P. 7

Sevenson/G-Jobs Project: Cornell-Dubilier Electronics

2749 Lockport Road Project Number: Cornell-Dubilier Electronics G-238 Reported:
Niagara Falls NY, 14305 Project Manager: Kim Lickfield 12/22/06 15:30

Notes and Definitions

U Analyte included in the analysis, but not detected

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

ARE SPECIAL DETEREQUIRED: YES NO If you please attach no is a QC Package rec YES NO if you please attach	equirements
REQUIRED: YES NO If you please attach n ts a QC Package rec	equirements
is a QC Package rec	quired:
VER NO	i .
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E-OF CONTAINER/ IMENTS:	OFFICE USE ONLY WST. LD.
CTS DIMB +5	01
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	E-OF CONTAINER/ IMENTS:

WITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIA AMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE DATE: TRANS (Read instructions on the reverse side prior to initiating this form) **January 3, 2007** 45 Section 1 REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor) TO: FROM: USACE **CONTRACT NO.:** X This is a New Submittal **Patrick Nejand** Sevenson Environmental Services, Inc. 333 Hamilton Blvd. W912DQ-04-D-0023 Rebsubmittal of 2749 Lockport Rd. South Plainfield, NJ 07080 Task Order # 0005 Transmittai No. Niagara Falls, NY 14305 Check One: This Transmittel is for SPECIFICATION SEC. NO. (Cover only one section with each transmittal) __ FIO X Gov't Approval PROJECT TITLE AND LOCATION: 02650 Cornell-Dubilier Electronics Superfund Site OU2 South Plainfield, NJ ITEM **DESCRIPTION OF ITEMS SUBMITTED** MFG. OR CONTR. CAT., NO. NO. OF (Type, size, model number, etc.) CONTRACT REFERENCE **CURVE DRAWING OR** For **VARIATIONS** FOR CE COPIES DOCUMENT Contracto (See USE BROCHURE NO. Instruction CODE r Use (See instruction No. 8) SPEC. No. 6) **DRAWING** PARA. NO. a. SHEET NO. d. Storage Tank Wall Scraping Sampling Results and 1 Ð. f. h. chain of custody 3 1.3 **REMARKS:** I certify that the above submitted items have been reviewed in detail and 1 copy for N. Kolb, USACE, Project Field Office, 26 Rustic Mall, Manville, NJ 08835 are correct and in strict conformance with the Contract Drawings and 1 copy for E. Urbanik, USACE N. Resident Office, NY District, 214 State Highway 18 N, E. Brunswick, NJ 08816 Specifications except as otherwise stated. 1 copy for P. Mannino, USEPA Project Manager, Region 2, Project Field Office, 333 Hamilton Blvd, South Platfield, NJ 07080 William Zambrana, SES c.c. -SES- File NAME AND SIGNATURE OF CONTRACTOR Section II

ENG FORM 4025, March 95 (ER 415-1-10) EI

INCLOSURES RETURNED (List by Item No.)

EDITION OF Sept 93 IS OBSOLETE

APPROVAL ACTION

NAME, TITLE AND SIGNATURE OF APPROVING AUTHORITY

SHEET _ 1 _ OF _ 1

DATE

4. EVVI II.JUMIT

FAX LEAD SHEET

WASTE STREAM TECHNOLOGY

302 GROTE STREET BUFFALO, NY 14207 Phone (716)876-5290 Fax (716)826-2412

Environmental Laboratory Services, Radiological Laboratory Services, Treatability Studies, and Bioremediation Supplies and Services

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DATE: 1/2/07.

NUMBER OF PAGES (including cover):

TO: Kim Lichtfield)
William Zambrana.

FAX NUMBER:

908 243 0320

FROM:

MITTEN

MESSAGE:

Report for work order 4122008.

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WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 12/29/06 Work Order Number: 6L22008

Prepared For Sam Tavelaris Sevenson/G-Jobs 2749 Lockport Road Niagara Falls, NY 14305 Fax: (716) 285-4201

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/22/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel W. Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs Project: Cornell-Dubilier Electronics

2749 Lockport Road Project Number: Cornell-Dubilier Electronics G-238 Reported:
Niagara Falls NY, 14305 Project Manager: Sam Tavelaris 12/29/06 10:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Wall-1-4-122106	6L22008-01	Soil	12/21/06 09:30	12/22/06 15:00

NO. 9344 P. 4

Sevenson/G-Jobs 2749 Lockport Road Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubiller Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

TCLP Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method *	Notes
G238-Oil Tank-Wall-1-4-1221	06 (6L22008-01) Soil	Sampled: 12/2	1/06 09:30	Receiv	ed: 12/22/	06 15:00			
Mercury	ND	0.001	mg/L	1	AL62707	12/27/06	12/27/06	EPA 7470A-TCLP	
Silver	ND	0.025	•	5	AL62711	12/27/06	12/27/06	6010B	
Arsenic	ND	0.045		•		•		•	
Berium	0.068	0.025		•	•	₩			В
Cadmium	ND	0.025	•	•	•			•	D
Chromium	ND	0.025	•		•			•	
Lead	ND	0.075	•	•		P		•	
Selenium	ND	0.095	•	•				•	

VAIL L. LVV/ 11.J70M

No. 9344 P. 5

Sevenson/G-Jobs 2749 Lockport Road Ningara Falls NY, 14305

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

Polychlorinated Biphenyls by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (61.22	008-01) Soil	Sampled: 12/	21/06 09:30	Receiv	ed: 12/22/	06 15:00	·············		
Aroclor 1016	ND	165	ug/kg dry	50	AL62716	12/27/06	12/27/06	8082	1
Arocior 122)	ND	165	•			•	h	•	
Arocior 1232	ND	165		•	•			•	ì
Arocior 1242	4800	165					*	*	•
Aroclor 1248	ND	165	•			•			•
Aroclor 1254	11500	165	•		•		•		٠.
Aroclor 1260	1240	165	•	•					
Surrogate: Tetrachloro-meta-xylene		%	61-14	10		W	-		S-01, U
Surrogate: Decachlorobiphenyl		%	56-13	-		•	•	,,	S-01, U

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubiller Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Qil Tapk-Wall-1-4-122106 (6L220	08-01) Soil S	ampled: 12/2	1/06 09:30	Receiv	ed: 12/22/	06 15:00			
vinyl chloride	ND	10	ug/l	ı	AL62704	12/27/06	12/27/06	8260-TCLP	
1,1-dichloroethene	ND	10		•	•	•	•		
2-butanone	ND	100	•	*	•	•	•		
chloroform	ND	10	•		•	P	•		1
carbon tetrachloride	ND	10	•	•	•		-		1
benzene	ND	10		•	•		•	•	1
1,2-dichloroethans	ND	10	•		•		•	•	1
trichloroethene	16	10	•					•	
tetrachloroethene	ND	10		•			•	•	(
chlorobenzene	ND	10	•	•				•	1
1,4-dichlorobenzene	ND	10	P	•	•	•	•	•	1
Surrogate: Dibromofluoromethane		98.7 %	75-12	5	U	"	•	*	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	66-12	8	7	*		•	
Surrogate: Toivene-d8		96.7 %	81-11	8			•	•	
Surrogate: Bromofluorobenzene		90.3 %	85-12	3		*			

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

TCLP Pesticides by EPA Method 1311/8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L220	108-01) Sell S	Sampled: 12/2	1/06 09:30	Receiv	ed: 12/22/	06 15:00			
Gamma-BHC (Lindane)	ND	0.040	112/I	1	AL62717	12/27/06	12/28/06	EPA 8081A	
Heptachlor	ND	0.040	•				P	•	i
Heptachlor Bpoxide	ND	0.040	•	•				•	ì
Endrin	ND	0.040	•		•		•	•	ĭ
Methoxychlor	ND	0.040					•	•	τ
Chlordane	ND	0.800		•		•		•	ι
Toxaphene	ND	0.040		•	•	•	•	•	τ
Surrogate: Tetrachloro-meta-xylene		74.5 %	55-13	5	,	•			 `
Swrogate: Decachlorobiphenyl		40.5 %	58-13		•	•		•	S-04

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238
Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

TCLP Herbicides by EPA Method 1311/8151A

Analyte	Romit	Reporting Limit	Units	Dilution	Butch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L2	2008-01) Soil	Sampled: 12/2	1/06 09:30	Receiv	red: 12/22/	06 1 <u>5:00</u>			
2,4-D	ND	20.0	ug/l	50	AL62804	12/28/06	12/28/06	8151	U
2,4,5-TP (Silvex)	ND	20.0	ī	•		•	•	•	ΰ
Surrogate: 2,4-DCPAA		87.8 %	24-1	46	•	,			

Project: Cornell-Dubilier Electronics

Project Number: Comell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Anniyzed	Method	Notes
G238-Oil Ta <u>nk-Wall-1-4-122106 (6L2</u> 2	008-01) Soft	Sampled: 12/2	1/ 06 0 9:30	Receiv	ed: 12/22/	6 15:00			
pyridine	ND	8	ug/i	ı	AL62718	12/27/06	12/27/06	8270C-TCLP	Į
1,4-dichlorobenzene	ND	8	•		•	•	•		i
Total cresols (o,m & p)	ND	24	•		•	•	•		i
hexachloroethane	ND	8	•	•	•	•			ì
nitrobenzene	ND	8	•	•				•	ì
nexachlorobutadiene	ND	8		-			n	•	ì
2,4,6-trichlorophenol	ND	16				•		•	ì
2,4,5-trichlorophenol	ND	8	•	•				•	ì
2,4-dinitrotoluene	ND	8			•	•	•	•	ì
nexachlorobenzene	ND	8	•	•		•	•		t
pentach lorophenol	ND	16	-	•	•	•	•		ŧ
Surrogate: 2-Fluorophenol		41.4 %	14-5.	3		7	"		
turogate: Phenol-d6		27.2 %	10-3.			*	,		
arrogate: Nitrobenzene-d5		83.8 %	38-9			•			
eurogate: 2-Fluorobiphenyl		76.8 %	41-9:		*	*	•		
arrogate: 2,4,6-Tribromophenol		99.0 %	44-12			,	*		
iurrogate: Terphenyl-d14		119 %	42-12				*		

Jan. Z. ZVVI IZIVVEM

Sevenson/G-Jobs 2749 Lockport Road Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

Conventional Chemistry Parameters by EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (61.22008-0	1) Soil (Sampled: 12/2	1/06 09:3	0 Receive	ed: 12/22/	06 15:00			
pH % Solids	5.04 96.8	0.10 0.1	pH Units %	i	AL62722 AL62801	12/27/06 12/27/06	12/27/06 12/28/06	EPA 9045C % calculation	

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubiller Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

Physical Parameters by APHA/ASTM/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wail-1-4-122106 (6L2	20 <u>08-01)</u> Soil	Sampled: 12/2	1/06 09: 30	Receiv	ed: 12/22/(6 15:00			
Ignitability by Flashpoint	>200		deg F	1	AL62720	12/27/06	12/27/06	EPA 1010	
Reactive Cyanide	ND	40.0	mg/kg	•	AL61930	12/22/06	12/22/06	Section 7.3.3.2	ប
Reactive Sulfide	ND	40.0	•		AL61929		12/22/06	Section 7.3.4.2	U

Jan. 2. 2007 12:00PM

No. 9344 P. 12

Sevenson/G-Jobs 2749 Lockport Road Niagara Falis NY, 14305

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/29/06 10:32

Notes and Definitions

U Analyte included in the analysis, but not detected

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect

S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or

matrix interferences.

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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ONLY ONLY OFFICE USE	F OF CONTANIETY	XX /				BLANK	Herbicides Posticides		PCB's	•	TORGET OF CONTAINERS	TOTAL NO	ENUT	TAME OF SAME	DATE SAMPLED	8575	3
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ARE SPECIAL DETECTION LIMITS PREQUINED:		· -					DOE	7	field, NY 14207				302 Grote Street, Bu			byla mathmall	हृह
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SPECIF	ICATION SEC. NO. (Cover only one se	otion with each transmittal)	PROJECT TITLE AND	LOCATION:			FIO	X Gov't Ap	provai		
	02650		Cornell-Dubilier Electr		und Site OU:	2	South	Plainfield, i	Al I		
NO.	DESCRIPTION OF ITEM (Type, size, model num		MFG. OR CONTR. CAT., CURVE DRAWING OR BROCHURE NO.	NO. OF COPIES	CONTRACT	REFERENCE UMENT	For Contracto	VARIATIONS (See Instruction	FOR CE USE CODE		
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1 copy to 1 copy fo c.cSES	r N. Kolb, USACE, Project Field Office r E. Urbanik, USACE N. Resident C r P. Mannino, USEPA Project Mans	Office NY District 214 SH	ate Highway 18 N, E. Brunswick, N ild Office, 333 Hamilton Blvd, Sout	NJ 08816 th Plaifield, NJ 070	are correct Specification Withau	nat the above submitted and in strict conformations except as otherwise managements. SES	nance with the (Contract Drawings	letall and		
Section II		\ \AAAA = =====	APPROVAL ACTION								
	JRES RETURNED (List by Item No	.) NAME, TITLE AN	ID SIGNATURE OF APPROV	/ING AUTHORI	ΓY		DATE				
NG FO	RM 4025, March 95 (E	R 415-1-10) EDITION	OF Sept 93 IS OBSOLETE				SHE	FT 1 OF	. 4		

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WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (718) 876-5290

Cluster 12 TANK - Bottom

Analytical Data Report Report Date: 12/28/06 Work Order Number: 6L20009 fok - 150170 Solios

Prepared For Sam Tavelaris Sevenson/G-Jobs 2749 Lockport Road Niagara Falls, NY 14305 Fax: (716) 285-4201

Site: Comell-Dubiller Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/20/06. If you have any questions concerning this report, please feel free to contact me.

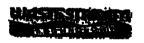
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5 Shyt

Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #88757 CTDPH #PH-0306 MADEP #M-NY068





Sevensoa/G-Jobs Project: Cornell-Dubiliar Heatronics

2749 Lockport Road Project Number: Cornell-Dubiliar Electronics G-238 Reported:
Niagara Palls NY, 14305 Project Manager: Sam Tavelaris 12/28/06 11:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Solids-3-121906 -	61.20009-03	Solid	12/19/06 13:05	12/20/06 12:00
G238-Oil Tank-Solids-4-121906	6L20009-04	Solid	12/19/06 13:15	12/20/06 12:00

Sevenson/G-Jobs 2749 Lockport Road Niagara Pails NY, 14305

Project: Cornell-Dubiller Electronics

Project Number: Cornell-Dubilicr Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/28/06 11:23

TCLP Metals by 6000/7000 Series Methods

Analyss	. Result	Reporting Limit	Units	Dilution		Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids 4-12	1906 (6L20009-04) Solid	Sampled: 12/	19/06 13:	_			7447200	1-20-110-1	Notes
Mercury Silver Arsenic	ND ND ND	0.001 0.025	mg/L	1 5	AL62707 AL62210	12/27/06 12/22/06	12/27/06 12/22/06	BPA 7470A-TCLP 6010B	U U
Barium Cadmium	· 0.129	0.045 0.025 0.025		•	•			•	
Chromium Lead	ND ND	0.025 0.075		•	:	•	•		ט
Selenhun	ND	0.095		•	•	•		•	

Sovenson/G-John 2749 Lockport Road Niagara Falls NY, 14305

Project: Cornell-Dublier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sum Tavelaris

Reported: 12/28/06 11:23

Polychlorinated Bipbenyls by EPA Method 8082

Analyte	Result	Reporting Link	Units	Dilutio	on Batch	Prepared	Auslyzed	Method	Notes
G238-Off Tank-Solids-3-121906 (6L200	09-03RE1) Solid	Sapapled	: 12/19/06	13:05	Received: 1	2/20/06 12:	MA		
Arocior 1016	ND		ng/kg dry	400	AL62118	12/21/06	12/22/06	8082	
Aroclor 1221	ND	1320	· •	•			122200	9092	1
Aroclor 1232	ND	1320	•				•	-	
Aredor 1242	21200	1320						-	1
Aroclor 1248	ND	1320					-	-	
Arector 1254	99400	1320	.				-	-	7
Arodor 1260	13300	1320	•				-	-	
Surrogate: Tetrachloro-meta-sylene			<u> </u>	-					
Surrogate: Decachiorobipheryl		%	61-1		•	•	•	•	S-01, U
wive Decicnoropiphery		%	56-1.	36	•				5-01. Z

Sevenson/G-John 2749 Lockport Road Ningara Palls NY, 14305

Project: Cornell-Dubliler Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/28/06 11:23

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tauk-Selide-4-121906 (6L20	1009-04) Solid	Sampled: 12/1	9/06 13:15	Receiv	ed: 12/20/	06 12:00	· • • • • • • • • • • • • • • • • • • •		
vinyi chloride	ND	10	ng/l	1	AL62704	12/27/06	12/27/06	\$260-TCLP	1.
1,1-dichlorocthens	ND	10	÷			•	=	"	11
2-buttanone	ND	100			•	•	•	•	111
chloroform	ND	10		•		•			11
carbon tetrachioride	ND	10	•		•	•	•		•
bengane	ND	10	•	•	•	•			11
1,2-dichloroethane	ND	10	•	•	•		•		. U
trichlorosthene	ND	10	•		•	•	•	•	•
tetrachibroethene	ND	10	•						
ohlorobenzene	ND	10	•	•	•	•	•	•	U
1,4-dichlorobenzene	ND	10	•	•	•	•	•		
Surrogate: Dibromofluoromethane	~	95.7 %	75-12	5		-			
Surrogate: 1,2-Dichloroethane-d4		92.3 %	66-12			•		•	
Surrogate: Toluene-d8		94.0 %	81-11			*	,		
Surrogate: Bromofluorobenzene		90.0 %	85-12.	-	•		-		

Sevenson/G-John 2749 Lookport Road Ningara Falls NY, 14305 Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/28/06 11:23

TCLP Pesticides by EPA Method 1311/8081A

Analyte	Result	Reporting Limit	Units	Dilutic	on Batoh	Prepared	Analyzod	Method	Notes
G238-Oil Tank-Solids 4-121906 (61.200	09-04RE1) Bolid	Sampled	12/19/06	13:15	Received: 1	2/20/06 12:	90		
Gemma-BHC (Lindane)	. ND	0,400	ng/l	10	AL62320	12/22/06	12/26/06	EPA 8081A	
Heptachlor	ИD	0.400				•	•		t
Heptachlor Epoxide	ND	0.400	b	•		•	•	*	ι
Endrin	ND	0.400	•	•	•			•	ι
Methoxychlor	ND	0.400		•	•			•	τ
Chiordans	ND	8.00	*	9			•	•	τ
Tocaphene	ND	0.400	•	*	•		•	•	ŧ
Surrogate: Tetrachloro-meta-xylene		89.5 %	55-7	135	*	. *			
Surrogate: Decachlarabinhend		65.5 %	58-	7 30	-				

Sevenson/G-Jobs 2749 Lockport Road Ningara Falls NY, 14305

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubiller Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/28/06 11:23

TCLP Herbicides by EPA Method 1311/8151A

Analyss	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzod	Method	Notes
G238-Oll Tank-Solids-4-121906 (61.	20009-04) Solid	Sampled: 12/1	19/06 13:1	5 Receh	red: 12/20/	06 12:00		· · · · · · · · · · · · · · · · · · ·	
2,4-D 2,4,5-TP (Silvex)	ND ND	20.0 20.0	19g/l	50	AL62609	12/24/06	12/27/06	8151	U
Surrogate: 2,4-DCPAA		101 %	24-1	46	,		-	*	<u>`</u>

Sevenson/G-Jobs 2749 Lockport Road Ningara Falls NY, 14305

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubiller Electronics G-238

Project Manager: Sem Tavelaris

Reported: 12/28/06 11:23

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Analyse .	Result	Reporting Limit	Unite	Dilution	Betch	Prepared	Analyzed	Method	Notes
G238-Off Tank-Solids 4-121906 (6L20	009-04) Solid	Sampled: 12/	9/06 13:1	5 Receiv	red: <u>12/20/</u>	06 12:00			<u> </u>
pyridine	ND	. 8	0g/1	1	AL62219	12/22/06	12/22/06	8270C-TCLP	1
1,4-dichlorobenzene	ND	8			P		7		i
Total cresols (o,m & p)	ND	24	•	•	•		•	•	ì
hexachioroethane	ND	8		•		*	•	•	ì
nitrobenzeno	ND	8	•	-	•				ì
besechlorobutadjene	ND	i		•	•		•		,
2,4,6-trichieropheno!	ND	16			•	•		•	Ì
2,4,5-trichlorophenol	ND	8	•	•	•			•	,
2,4-dinitrotolucus	ND	8	•					•	ì
hexachlorobepzepe	ND	8	*				•	•	ì
pentachlorophenol	ND	16	•	•	•	•		7	ì
Surrogate: 2-Pluorophenol		34.0 %	22-5	7	•				
Surrogate: Phenol-d6		22.2 %	15-3		•			•	
Surrogate: Nitrobenzens-d5		69.0 %	45-10	_	-	•			
Surrogate: 2-Fluorobiphenyl		67.8 %	45-10						
Surrogate: 2,4.6-Tribromophenol		67.1 %	45-11		•	29	•		
Surrogate: Terphenol-d14		84.0 %	31-12		•	•			

Sevenson/G-Jobs 2749 Lockport Road Nagara Falis NY, 14305

Project: Cornell-Dubiller Electronics

Project Number: Cornell-Dubiller Electronics G-238

Project Manager: Sem Tavelarls

Reported: 12/28/06 11:23

Conventional Chemistry Parameters by EPA Methods

		Reporting							
Applyte	Result	Linit	Units	Ditution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-3-121904	6 (61.20009-03) Solid S	ampled: <u>1</u> 2/1	9/06 13:0	5 Receiv	ed: <u>12/70/</u>	06 12:00			
% Solids	92.6	0.1	%	1	AL62202	12/21/06	12/22/06	% calculation	
G238-QR Tank-Solids-4-121900	(61.20009-04) Solid S	ampled: 12/1	9/06 13:1	5 Receiv	ed: 12/20/	06 12:00			
Hg	5.89	0.10	pH Units	1	AL62722	12/27/06	12/27/06	EPA 9045C	

Sevenson/G-Jobs 2749 Lockport Road Niagara Pails NY, 14305

Project: Comell-Dubilier Electronics

Project Number: Cornell-Dubiller Electronics G-238

Project Manager: Sam Tavelaris

Reported: 12/28/06 11:23

Physical Parameters by APHA/ASTM/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-OH Tank-Solids-4-121906 (6L2	0009-04) Solid	Sampled: 12/1	19/06 13:	15 Recep	red: 12/20/	/ 06 12:00			
Ignitability by Flashpoint	>200		deg F	1	AL62712	12/26/06	12/26/06	EPA 1010	
Reactive Cyanide	אס	40.0	mg/kg	•	AL61930	12/19/06	12/20/06	Section 7.3.3.2	U
Reactive Sulfide	ND	40.0		•	AL61929	12/19/06	12/20/06	Section 7.3.4.2	

Sevenson/G-Jobs 2749 Lockport Road Niegara Falls NY, 14305

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Blectronics G-238

Project Manager: Sem Tavelaris

Reported: 12/28/06 11:23

Notes and Definitions

U Analyte included in the analysis, but not detected

The surrogate recovery for this sample is not available due to sample dilution required from high analyse concentration and/or S-01

DET Applyte DETECTED

Analyte NOT DISTECTED at or above the reporting limit ND

NR **Not Reported**

4 Sample results reported on a dry weight basis

RPD Relative Percent Difference

	AIN OF CUSTODY	- i		451	ESI	REA	M	· •	"	OFFIC	Æ USI	E ONL	Y	കര	<u> </u>	2	PAGE	1	_OF <u></u>
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	74-609-1775					SW	ground Burfaci	WATER E WATER	80	SOLID			.5 de	NUM	BER:	-			
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	SAMPLE LD.		₹:	•	\$ / <i>\$</i>	TAS CLY OF CONTAINERS				13			/			/ IMP	E OF CONTAI PMENTS:	NETV	OFFICE USE ONLY WET, I.D.
	1 GZ58-OILTANK - 501-121966	12/19/0	6/25i	5 50	7.	Y						_	/	/	/. 	(<u> </u>		WOL 12.
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Appendix E

Waste Generator Sheets

Pioneer Crossing Landfill 727 Red Lane Road Birdsboro, PA 19508

Waste Generator Hazardous Waste Determination Certification

referred to as the "Cor determination on the r 40 (40 CFR) Chapter I,	mpany") hereby certifies that the Company has completed a hazardous waste eferenced waste stream in accordance with Code of Federal Regulations, Title Part 261.
The determination con part, a hazardous wast	cluded that the waste stream described below does not contain, in whole or in and:
Has been exclude	i from regulation according to 40 CFR Chapter I, § 261.4.
waste according	is waste as defined under 40 CFR Chapter I, §261.3; is not a listed hazardous to 40 CFR Chapter I, Part 261 subpart C, and/or is not a characteristic is identified in 40 CFR Chapter I, Part 261, subpart D.
waste stream com not a characterist	te determination has not been accomplished heretofore, I herein certify that nowledge of this waste stream and knowledge available to the Company, the tains no material listed in 40 CFR Chapter I, Part 261 subpart C; and/or is in hazardous waste as described in 40 CFR Chapter I, Part 261, subpart D, dous waste as defined under 40 CFR Chapter I, §261.3.
	Recertification Statement
parameters that	physical and chemical properties of the waste, and the process by which the ated, have not changed from those set forth for previous years and that all have not been tested for are known not to be present in our waste stream at, 80% of the threshold value set forth in the landfill's Form R.
Waste Stream:	Cluster 12 Concrete
Generator:	Cornell-Dubilier Superfund Site/US EPA Region II
Address:	333 Hamilton Boulevard
	South Plainfield, NJ
Phone:	GD 1637 - 4395
Company Official:	Her Hanning
Title:	RPM
Date:	2/14/07
Signature: Pili	M
Taken, sworn, and su	oscribed before me, a Notary Public, this day of, 20
Notary Signature:	Seal

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Cornell Dubillier Electronics Superfund Site - Site Sample Review **Form**

Prepared For:

Sample ID(s) G238-Cluster12-Tank-Concrete-SW Wall-121406

G238-Cluster12-Tank-Concrete-E Wall-121406

Prepared By:

Ken Paisley

CC:

Kim Lickfield

Date:

01/11/07

Waste Determination (if applicable): Non TSCA/RCRA Hazardous C&D

This memorandum summarizes the results of the internal data quality review assessment for the above referenced sample(s) conducted by Sevenson Environmental Services, Inc., personnel as part of its Corporate Data Quality Assurance Program. All results have been evaluated relative to general guidance provided in 40 CFR 261, Identification and Listing of Hazardous Wastes, for hazardous waste determination. (www.epa.gov/epacfr40/chapt-Linfo/chi-toc.htm).

A copy of the data assessment sheet for the sample is attached. The analyses performed are of acceptable data quality.

"I, the undersigned, as authorized by my company and under its Contract No. W912DQ-04-D-0023, certify that the wastestream represented by this analysis will be managed as follows:

> Disposal Facility - Pioneer Crossing Landfill Waste Classification - Subtitle D Landfill (Non-TSCA/RCRA Hazardous C&D)

This waste management decision is based upon the definitions of hazardous waste as defined in 40 CFR 261.20 to 261.24 and/or 40 CFR 761. Furthermore, based on generator's knowledge of site processes, the waste is not a listed hazardous waste per 40 CFR 261.30 to 261.34, and, TCLP and Total Characteristics not tested for are known not to be present in the concentrations equal to or greater than the values specified in the TC Rule in 40 CFR 261.24."

Approved by:

Kenneth Paisley, CHMM

Technical Services Manager

DATA EVALUATION CHECKLIST

Project Name/Sevenson J	ob Number:Cornell-D	ubilier/G238				
Laboratory: Waste S	Stream Technology, Inc.					
Laboratory Report Numb	er: 6L15006					
Laboratory Sample IDs:	6L15006-01, 6L15006-02					
Sample Collection Date(s					<u> </u>	
Sample Type/Matrix:	Concrete/Waste Characteriz	ation				
Analyses Performed:						
Reviewed By: JAS		Date Cor	mpleted:	01/11/07		
	Sample/A RPD Sum I'he following items should be tract the laboratory to obtain t	y/Analytical Defic nalysis Irregularity mary Table e included in the co he missing items.	y Form	atory analytical	l data report. It	fany of
Field sample identifiers and corres	ponding laboratory ID numbers	✓			· · · · · · · · · · · · · · · · · · ·	
(also prepare a table that matches	field sample IDs, laboratory			[
IDs, rinsate blanks, trip blanks, du				-		
samples, and QA laboratory split s	amples)	ļ				
Case narrative		 				
Chain-of-custody form(s)	Estand TROACT Contact Desire					
Laboratory Sample Receipt Check Form	list and USACE Cooler Receipt		ļ	İ		
Shipping papers and custody seals					 	
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Data Qualifier Sheet that defines t	ne data qualifiers used by the	-				
Data Qualifier Sheet that defines to laboratory to report the analytical	ne data qualifiers used by the	7				
Data Qualifier Sheet that defines the	ne data qualifiers used by the results	7				

DETAILED ASSESSMENT AND VALIDATION: Complete the assessment and validation for each laboratory data report by checking the appropriate column (yes "Y", no "N", or not applicable "NA"). If the answer to any of the questions is "no", an explanation of the non-compliance/deficiency and associated corrective action should be included in the case narrative and on a Laboratory/Analytical Deficiency Notification Form (DNF). If a DNF is available, attach to the Data Evaluation Checklist.

Was the chain-of-custody form properly completed and signed by the field personnel when relinquished and by the laboratory when received?	1	delenter files	N. S. C.	
Was the chain-of-custody form free of errors and discrepancies?	1			
	17.5%		i i	一般化性的整整性的影響性心管性的性性的質
Are the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms present and properly signed?	7			
Do the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms indicate that the samples were received within proper temperature and in good condition?	1			
Were samples that required preservation properly preserved?	<u> </u>		1	
andre i de rege del considé été décido de la constitue de la constitue de la constitue de la constitue de la c	.7735F	379		机多级相能增强的强制 1.6. 表望这些时间。
Were all chain-of-custody-requested analyses performed?	1			
Arc analytical results reports present for all samples and for all analyses?	1			
Do the result reports for each analytical parameter for each sample list all of the required site-specific compounds or metals as specified in the QAPP?	1			
		1.0		
Were extraction (when applicable) and analysis holding times for sample met?	-			
Does the report contain method blank results for each analytical parameter performed?	1			
Were the method blanks free of target compounds?	1	1		TCLP Barium - 0.037mg/L
Were the site samples free of compounds detected in the method blank?		1		

If the site samples were not free of compounds detected in the method blank, did the laboratory flag the site samples with a "B" qualifier?	V			No additional qualifiers were assigned during data review since the concentrations of barium in the field samples were greater than 5-times the method blank concentration.
If the report contains results for aqueous volatile organic samples, does the report contain trip blank results?			1	
If the report contains results for samples collected using non-dedicated			1	
equipment, does the report contain rinsate blank results?	 		1	
Were the site samples free of compounds detected in the trip and/or rinsate blank?				
				<u>and and the second of the sec</u>
Does the report contain the results of LCS analyses with the corresponding control limits reported?				
Are the recoveries from the LCS analyses within the corresponding control limits?	4			
If NO, does the case narrative detail the reason and the corrective action taken?			1	·
(Also, attach the applicable DNF, is available.)	حبينا	13 yr. 15	7 4K y 5	
Does the report cuntain a field replicate sample?			✓	and the first of the second state of the second
Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table.			1	
Are the field duplicate sample results in agreement based on the acceptance			1	
criteria included in CENWK-EC-EF.				
For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported?	1			
Are the surrogate compound recoveries within the control limits?	1			
If NO, does the case narrative detail the reason and the corrective action taken?			1	
(Also, attach the applicable DNF, is available.)			and the state	
Does the report contain, for each applicable analytical parameter, the results of matrix spike sample analyses including the recoveries and corresponding control	1	- C (2 (2)		
limits?	1	<u> </u>		1
Does the report contain, for each applicable analytical parameter, the results of matrix spike duplicate and/or laboratory duplicate pairs, including the relative				ļ.
percent differences and corresponding control limits?	<u>L</u> _	<u>L</u>		
Are the recoveries from the matrix spike, matrix spike duplicate, and/or		1		The Aroclor 1016 and Aroclor 1260 MS
laboratory duplicate pairs, including the relative percent differences, within the control limits?			<u> </u>	and MSD recoveries were outside of the QC limits
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.)				The LCS recoveries were within the QC limits. Aroclor 1016 and Aroclor 1260 were not detected in the field samples According to the laboratory, matrix interference was the most likely cause of the recoveries outside of the QC limits "J" qualifiers were assigned to the sample results during data review.
Do the analytical results reports list the sample quantitation limits for each compound?	1			
Are the project-required quantitation limits included in the QAPP met?	1			
If the quantitation limits are out of range, does the case narrative document the cause(s) as to why the limits are above criteria?			1	
For the organic analysis parameters, are the results that are greater than the MDL	\top		1	
but below the MQL properly flagged by the laboratory with the "I" qualifier? For the organic parameter results that have compounds that are flagged with the	+	-	1	
"D" qualifiers, does the result report state the dilution factor that was used to obtain the result and the date on which the dilution was analyzed?				

Data Assessment/Validation by:	Jennifer Singer \	knnyualir Signature	gei	IIID7
CQC Systems Review by:	Kenneth Paisley Name	Signature	7	1/11/07 Days

Project Name/Job Number: Cornell-Dubilier/G238	
Sample Type: Concrete/Waste Characterization	
Sample Collection Date: 12/14/06	•
Laboratory: Waste Stream Technology, Inc.	
Laboratory Report ID/Group Number: 6L15006	

SAMPLE LOCATION (FIELD ID)	LABORATORY SAMPLE ID	ASSOCIATED FIELD DUPLICATE (FIELD AND LABORATORY ID)	LABORATORY QC PERFORMED WITH SAMPLE (if any)
G238-Cluster12-Tank-Concrete-SWWall- 121406	6L15006-01		PCB MS/MSD
G238-Cluster12-Tank-Concrete-EWall- 121406	6L15006-02		
	6L19013-01*		TCLP Mercury MS/MSD
	6L20004-01*		TCLP Metals MS/MSD

^{*} Indicates sample analyzed in the same batch as samples from group number 6L15006

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 01/11/07 Work Order Number: 6L15006

Prepared For Kim Lickfield Sevenson/G-Jobs 2749 Lockport Road Niagara Falls, NY 14305 Fax: (908) 243-0320

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/15/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





Sevenson/G-Jobs Project: Cornell-Dubilier Electronics

2749 Lockport Road Project Number: Cornell-Dubilier Electronics G-238 Reperted:
Niagara Falls NY, 14305 Project Manager: Kim Lickfield 01/11/07 11:28

ANALYTICAL REPORT FOR SAMPLES										
Seasple ID	Laboratory ID	Matrix	Date Sampled	Date Received						
G238-Cluster-12-Tank-Concrete-SW Wall-121406	6L15006-01	Solid	12/14/06 11:20	12/15/06 10:00						
G238_Chaster-12-Tank-Concrete-E-Wall-121406	6L15006-02	Solid	12/14/06 13:40	12/15/06 10:00						

Case Narrative

This narrative pertains to two samples from the Cornell-Dubilier Electronics G-238 site, collected on December 14, 2006 and received on December 15, 2006. The samples correspond to the Waste Stream Technology Inc. work order number 6L15006 and sample ID numbers 6L15006-01 and 6L15006-02

1. Sample Receipt and Preservation: The samples arrived at the laboratory carefully packed in one cooler and the custody seals were intact on the cooler. The temperature inside the cooler was measured and found to be within acceptable limits (@ 3.0°C). All of the containers in the cooler arrived intact and the labels on the containers were found to be complete. The information on the sample labels agreed with the information on the chain-of-custody forms placed inside the shipping cooler.

The sample receipt checklists for this work order number are included in the Chain-of-Custody section of the final result report.

- 2. Sample Holding Times: All required holding times were met for all of the extractions and analyses performed on the sample from work order number 6L15006.
- 3 Method Blank Analysis: The method blanks analyzed for each of the analytical parameters performed on the samples in work order number 6L15006 did not contain any target analytes, with the following exception:
- 3.1 Barium was detected in method blank AL62114-BLK1 for metals analysis at a level of 0.037 mg/L. The analyte was detected in all samples associated with this blank in amounts less than ten times the amounts found in the blank, therefore the sample results were flagged with B qualifiers.
- 4. Laboratory Control Sample (LCS) Analysis: Recoveries of the target analyses from the laboratory control samples associated with the analyses of the sample from work order number 6L15006 were found to be within the control limits.
- 5. Matrix Spike and Matrix Spike Duplicate Analysis: Matrix spike and matrix spike duplicates were performed for ICLP metals analysis on sample number 6L20004-01 (a sample not from work order number 6L15006, but prepared and analyzed in the same analytical batch) All recoveries and RPDs for this analysis were within QC limits.

Matrix spike and matrix spike duplicates were performed for mercury analyses on sample number 6L19013-01 (a sample not from work order number 6L15006, but prepared and analyzed in the same analytical batch) All recoveries and RPDs for these analyses were within OC limits

Matrix spike and matrix spike duplicates were performed for PCB analysis on sample number 6L15006-01RE1 All recoveries for this analysis were within QC limits, with the following exception:

5.1 The recoveries for matrix spike and matrix spike duplicate AL62118-MS2/MSD2 for PCB analysis of Aroclor 1016 and Aroclor 1260 were outside acceptable limits due to matrix interference and were flagged with QM-05 qualifiers Since the LCS and LCSD recoveries were within QC limits, the data is acceptable.

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report numl be reproduced in its entirety. Sevenson/G-Jobs Project: Cornell-Dubilier Electronics

2749 Lockport Road Project Number: Cornell-Dubilier Electronics G-238 Reported:
Niegara Falls NY, 14305 Project Manager: Kim Lickfield 01/11/07 11:28

- 6. Surrogate Compound Recovery: The surrogate recoveries from the GC/MS analyses of the Cornell-Dubilier Electronics site samples from work order number 6L15006 and the associated quality control sample analyses were found to be within laboratory quality control limited.
- 7 Trip Blank Analyses: Trip blank analysis was not performed for this work order.
- 8. Laboratory Authentication Statement: I certify, to the best of my knowledge, that the information submitted in this analytical data report is true, accurate and complete, and conforms to the current Sampling and Analysis Plan for the Higgins Farm Superfund Site. The Laboratory Director, or his designee, has authorized release of this data as verified by the report page signature.

Sevenson/G-Jobs 2749 Lockport Road Ningara Falls NY, 14305 Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 01/11/07 11:28

TCLP Metals by 6000/7000 Series Methods

Anslyts	Result	Reporting	Units	Dilution	Betch	Prepared	Analyzed	Method	Notes
G238-Chaster-12-Tauk-Concrete	-SW Wall-121406 (6L15006-01	Solid Sam	pled: 12/	14/06 11:20	Received:	12/15/96 10:0	0		
Mercury	ND	0.001	mg/L	1	AL 62015	12/20/06	12/20/06	EPA 7470A-TCLP	บ
•	ND	0 025	•	5	AL62114	12/21/06	12/21/06	6010B	ប
Silver	ND	0 045	•	•	•	•	•	•	ប
Arsenic	0.296	0.025		•		•	-	•	В
Barium	ND	0.025	•		•	•	•	•	ប
Cadmium		0.025			•	•	•	•	U
Chromium	ND		_			•	•	•	บ
Lead	ND	0 075	•			_	•	•	Ü
Scienium	ND	0 095	•	•	•	-			·
G238-Cluster-12-Tank-Concrete	-E-Wall-121406 (6L15006-02)	Solid Sampl	led: 12/14	1/06 13:40	Received: 12	/15/06 10:00			
	ND	0 001	mg/L	1	AL62015	12/20/06	12/20/06	EPA 7470A-TCLP	υ
Mercury	ND	0 025	•	5	AL62114	12/21/06	12/21/06	6010B	U
Silver	ND	0.045			•	•	•	•	U
Arsenic	0.217	0.025				•	•	•	B
Bartum		0.025			•	-		•	U
Cadmium	ND					•	•	•	U
Chromium	ND	0 025		_	_		•	•	u
Lead	ND	0.075		•	-			•	u
Sclenium	ND	0.095	•	•	•	•	_		_

Sevenson/G-Jobs 2749 Lockport Read Niegara Falls NY, 14305 Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 01/11/07 11:28

Polychlorinated Biphenyis by EPA Method 8082

Analyse	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzad	Method	Notes
GZ38-Chaster-12-Tank-Concrete-SW Wall-	121406 (6L15006-0	IRE1) Solid	Sampled: 12	/14/06 11	:20 Receiv	ed: 12/15/06	10:00		
Aroclor 1016	ND	33 0	wg/kg dry	10	AL621 iB	12/21/06	12/22/06	2022	U
Amelor 1221	ND	33 0	•	•	•	•	•	•	U
Aroctor 1232	ND	33.0	•	•	•	•	-	•	U
Aroclor 1242	ND	33 0	•	•	•	•	•	•	U
Aracior 1248	ND	33 0	-	•	•	•	•	•	υ
Aracter 1254	1010	33.0	•	•	•	•	•	•	
Aroclor 1260	ND	33.0	•	•	•	•		•	U
Surrogate: Tetrachiaro-meta-xylene		120 %	61-14)	•	-	•	•	
Surrogate: Decachlorobiphenyl		89.5 %	56-13	5	•	•	•	•	
G238-Chaster-12-Tank-Concrete-E-Wall-1		NP4\8_E4		AME 13-A	in Beceive	d: 12/15/86 1	0:00		
				5	AL62118	12/21/06	12/22/06	8082	U
Arocior 1016	ND	165	ug/kg dry	•	VEDET 10	*			υ
Arocior 1221	ND	165		_		-		•	บ
Aroclor 1232	ND	16 5	_	•	_				บ
Arocior 1242	ND	16 5	•	•		_	_	-	υ
	ND	16.5	•	•	•		_	-	U
Aroctor 1248					•	•	•	•	
	454	16.5	•					_	••
Arecler 1254	454 ND	16.5 16.5		•		•			U
Arocior 1248 Arocior 1254 Arocior 1260 Su rogate: Tetrachioro-meta-xylene		•	_		•	•	-	•	U



Sevenson/G-Jobs Project: Cornell-Dubilier Electronics

2749 Lockport Road Project Number: Cornell-Dubilier Electronics G-238

Niagara Fails NY, 14305 Project Manager: Kim Lickfield

Reported: 01/11/07 11:28

Conventional Chemistry Parameters by EPA Methods

Analyte	Result	Reporting Limit	Units	Dilutica	Batch	Prepared	Analyzed	Method	Notes
G238-Chaster-12-Tank-Concrete-SW Wall-12	1406 (GL.15006-01)	Solid Sam	pled: 12/	4/06 11:20	Received:	12/15/06 10:00)		
% Solids	86.1	01	%	1	AL 62202	12/21/06	12/22/06	% calculation	
G238-Cluster-12-Tank-Concrete-E-Wall-121406 (6L15006-02) Solid Sampled: 12/14/06 13:40 Received: 12/15/06 10:00									
% Solids	85.7	01	%	1	AL62202	12/21/06	12/22/06	% calculation	

Project: Comell-Dubilier Electronics Sevenson/G-Jobs Project Number: Cornell-Dubilier Electronics G-238 Reported: 2749 Lockport Road 01/11/07 11:28 Project Manager: Kim Lickfield Niagara Falls NY, 14305

TCLP Metals by 6000/7000 Series Methods - Quality Control Waste Stream Technology Inc.

Analyto	Remit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62015 - EPA 7470A Leachate										
Blank (AL62015-BLK1)				Prepared &	Analyzed:	12/20/06				
Mescury	ND	100.0	mg/L							1
LCS (AL62015-BS1)				Prepared &	. Analyzed:					
Mercury	0 00276	0 001	mg/L	0.00333		82 9	80-120			
Matrix Spike (AL62015-MS1)	Sou	urce: 61.19013-	01	Prepared &	Analyzed:	12/20/06				
Mercury	0 00333	0 001	mg/L	0 00333	ND	100	75-125			
Matrix Spike Dup (AL62015-MSD1)	Sor	rce: 6L19013-	0 1	Prepared &	. Analyzod:	12/20/06				
Mercury	0.00329	0 001	mg/L	0 00333	ND	98.8	75-125	1 21	25	
Blank (AL62114-BLK1)				Prepared &	. Analyzed	12/21/06				
	ND	0 025	mg/L	Lichard	. Ameryani	. 122000	. ———			
Silver	ND	0.045								
Arsonic	0 037	0.025								
Berium 	ND	0.025								1
Catanium	ND	0.025								1
Chromium	ND	0.025								1
Lond		0 095								1
Selenium	ND	0 093								
LCS (AL62114-BS1)					Analyzed					
Silver	1.14	0.025	mg/L	1 11		103	80-120			
Amenic	1.20	0.045	•	1 11		108	80-120			
Barlum	121	0 025	•	111		109	80-120			
Cadmium	1.19	0 025	•	1.11		107	80-120			

1.11

1.11

1 12

1 08

1 20

0 025

0 075

0 095

101

97.3

80-120

80-120

80-120

Sevenson/G-Jobs 2749 Lockport Road Niegara Falls NY, 14305 Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 01/11/07 11:28

TCLP Metals by 6000/7000 Series Methods - Quality Control

Ak	Result	Reporting Limit	Units	Spike Lovel	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyto Batch AL62114 - EPA 3015 Leachate										
Matrix Spike (AL62114-MSI)	Sour	ce: 6L20004-	D1	Prepared &	Analyzed:	12/21/06				
Silver	1.13	0.025	mg/L	1.11	ND	102	75-125			
Arsenic	1.42	0.045	•	1.11	0.241	106	75-125			
Beriam	1.43	0.025	•	1.11	0.268	105	75-125			
Cadmison	1.17	0.025	•	1.31	ND	105	75-125			
Chromium	111	0 025	•	1.11	ND	100	75-125			
end	1 09	0 075	•	1.11	ND	98.2	75-125			
Scientum	1.21	0.095	-	1.11	ND	109	75-125			
Antrix Spike Dup (AL62114-MSD1)	Sour	ce: 6L20004-	01	Prepared &	Analyzed:	12/21/06				
ilver	1 15	0 025	mg/L	1.11	ND	104	75-125	1.75	25	
Arsenic	1 46	0.045	•	1.11	0 241	110	75-125	2.78	25	
Seriora	1.45	0.025	•	1 11	0.268	106	75-125	139	25	
Defenium	1.19	0 625	-	111	ND	107	75-125	1.69	25	
Zu cenium	1.14	0 025	•	111	ND	103	75-125	2 67	25	
cad	1.10	0 075	•	1.11	ND	99 1	75-125	0 913	25	
Selenium	1.24	0 095		1.11	ND	112	75-125	2 45	25	

Sevenson/G-Jobs 2749 Lockport Road Niagara Falls NY, 14305 Project: Cornell-Dubilier Electronics
Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Kim Lickfield

Reported: 01/11/07 11:28

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control Waste Stream Technology Inc.

Analyto	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62118 - EPA 3550B					,					
Blank (AL62118-BLKI)				Prepared &	k Analyzed:	12/21/06				
Aroclor 1016	ND	3 30	ug/kg wet							U
Arocker 1221	ND	3.30	•							U
Aroclor 1232	ND	3.30	•							t
Arocior 1242	ND	3 30	•			-				ti -
Arector 1248	ND	3.30	•							t
Arector 1254	ND	3.30	•							U
Aroclor 1260	ND	3.30	•							U
Surrogate: Tetrackloro-meta-xylene	18.6		,	167		111	61-140			
Surrogate Decacidoroblphenyl	16.8		•	16.7		101	56-136			
LCS (AL62118-BS1)				Prepared &	Analyzed:					
Arector 1016	43 6	3.30	ng/kg wat	33.3		131	75-148			
Arociar 1260	38 8	3.30	•	33.3		117	62-142			
Surrogate: Tetrachioro-meta-xylene	19.4		•	167		/16	61-140			_
Serrogote: Decachlorobiphenyl	17.6		•	167		105	56-136			
Matrix Spike (AL62118-MS2)	Sou	rce: 6L15006	-01RE1	Prepared:	12/21/06 A	nalyzed: 12	2/22/06			
Areclor 1016	25i	33 0	ng/kg dry	38.7	0.00	649	69-126			QM-05
Arecles 1260	469	33.0	-	38 7	9 00	NR	62-152			QM-05
Surragate: Tetrachloro-meta-xylene	26.3		•	194		136	61-140	-		
Surrogate: Decachiorobiphenyl	23.9		-	194		123	56-136			
Matrix Spike Dup (AL62118-MSD2)	Sou	uree: 6L15006	-01RE1	Prepared:	12/21/06 A	nalyzed: 12	2/22/06			
Aroclor 1016	255	33.0	ug/kg dry	38 7	0.00	659	69-126	1.58	30	QM-05
Arodor I260	455	33.0	•	38 7	0.00	NR	62-152	3.03	30	QM-05
Surrogate: Tetrachioro-meta-xylene	26.9			19.4		139	61-140			
Surrogate Decachlorohiphenyl	23.3		•	19.4		120	56-136			

Sevenson/G-Jobs Project: Corneil-Dubilier Electronics

2749 Lockport Road Project Number: Cornell-Dubilier Electronics G-238 Reported:

Niagara Falls NY, 14305 Project Manager: Kim Lickfield 01/11/07 11:28

Notes and Definitions

Analyte included in the analysis, but not detected The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were QM-05 within acceptance limits showing that the laboratory is in control and the data is acceptable. Analyte is found in the associated blank as well as in the sample (CLP B-flag). В Analyte DETECTED DET Analyte NOT DETECTED at or above the reporting limit ND Not Reported NR Sample results reported on a dry weight basis đν Relative Percent Difference RPD

WORK ORDER

6L15006

Waste Stream Technology Inc.

Dan Vollmer Project Manager: Client: Sevenson/G-Jobs Cornell-Dubiller Electronics G-238 Project: Cornell-Dubiller Electronics Project Numbers Invoice Tet Report To: Sevenson/G-Jobs Sevenson/G-Jobs Al LaGreca Kim Lickfield 2749 Lockport Road 2749 Lockport Road Niagara Falls, NY 14305 Niagara Palis, NY 14305 Phone :(716) 284-0431 Phone: (908) 243-0318 Fex: (716) 284-1796 Fax: (908) 243-0320 Date Received: 12/15/06 10:00 Date Due: 01/02/07 15:00 (10 day TAT) 12/15/06 10:17 Date Logged In: Received By: Kevin Burke 1Z 103 1AX 2Z 1005 8061 Tracking No.: Logged in By: Kevin Burks Samples Received at: 3°C Shipped By: UPS Terap > 6.0 erved sample volume pill out of can ther of containers did not match CX No No side interference check positive COC mi -i--bles present in VOA container Castody wells not present/in TAT Evnires 6L15006-01 G238-Cluster-12-Tank-Concrete-SW Wall-121406 [Solid] Sampled 12/14/06 11:20 Eastern 06/12/07 11:20 Solids, Dry Weight 01/02/07 12:00 10 01/02/07 12:00 10 12/28/06 11:20 PCBs by 8082 01/02/07 12:00 10 12/24/06 11:20 Metals, TCLP RCRA 6L15006-02 G238-Cluster-12-Tanke-Concrete-R-Wall-121406 [Solid] Sampled 12/14/06 13:40 Eastern 01/02/07 12:00 10 06/12/07 13:40 Solida, Dry Weight 01/02/07 12:00 10 12/28/06 13:40 **PCBs by 8082** 12/24/06 13:40 Metals, TCLP RCRA 01/02/07 12:00 10 pH Checks Analysis groups included in this work order Metals, TCLP RCRA HE TCLP CVAA Motels RCRA TCLP ICP **TCLP Extraction 1311**

ted analyses of work order have been

reviewed and approved By

See of work order have been Date

Date

Date

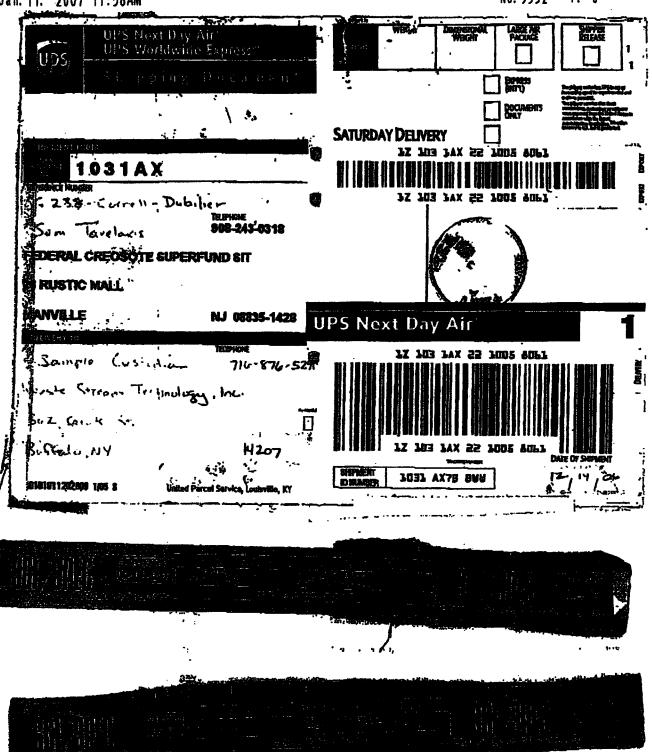
12/15/06

12/15/06

Date

Army Corp. of Engineers Sample Receipt Form

LIMS #	No. of Coolers	11/4
MRD Cooler #	Contract Cooler	WILL
PROJECT: SES Cornell-Dubilier	Date Received: 124	15/06
UBE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONCE	RNING CHECK-IN PROBLEMS.	
A. PRELIMINARY EXAMPLATION PHASE Date cooler was opened: by (sign): 12/15/06	toring: Kerin	Burke
		NO
I. Old osoler come with shipping slip (airbill ect): WS 12 103 145 22-1	005 806	
2. Were quetody seels on autoide of cooler? 2 Front+Bac	K (YES) 12/1	4/06 NO
3. Were custody seem unbroken and intest at the deta and time of arrival?	YES:	МО
4. Did you screen samples for radioactivity using a Gaiger counter?	YES	NO
5. Were custody papers socied in a plestic beg & taped inside to the lid?	YES	NO
6. Were custody papers filled out properly fink, signed, earl?	YES	NO
7. Did you sign the oustody papers in the appropriate places?	YES	NO
8. Was project identifiable from the custody forms? If YES, enter project name at the top of this form.	YES	NO
8. If required, was anough less used? Type: Bagges Tice	YES	NO 17 15311
10. Have designated person initial here to adknowledge receipt of coder:	1990	date) (27 7 700
3. LOG-IN PHASE: Date semples were logged-in: 15/06	torint); Kevin	Burke
11. Describe type of pecking in society Bubble Wrap	•	
12. Were all bottles sealed in seperate plastic bags?	YEB	NO
3. Did all battiss arrive unbroken and were labels in good condition?	YES	NO
4. Were at labels complete(ID, date, time, signature, preservation)?	YES	NO
	YES	NO
15. Did all battle labels agrée with austody papers?	YES	
15. Did all battle labels agrée with custody papers?		NO I
15. Did ell battle labels agrée with custody papers? 16. Were correct containers used for the tests indicaied? 17. Were correct preservatives added to samples?	725	NO NO
15. Did ell battle labels agree with custody papers? 16. Were correct containers used for the tests indicaled? 17. Were correct preservatives added to samples? 18. Was a sufficient amount of sample sent for tests indicated?	YES YES YES	NO NO NO
15. Did all battle labels agree with custody papers? 16. Were correct containers used for the tests indicaled? 17. Were correct preservatives added to samples? 18. Was a sufficient amount of sample sent for tests indicated?	YES YES	NO NO NO
14. Were all labels complete(ID, date, time, signature, preservation)? 15. Did all bottle labels agree with custody papers? 16. Were correct containers used for the tests indicated? 17. Were correct preservatives added to samples? 18. Was a sufficient amount of sample sent for tests indicated? 19. Were bubbles absent in VOA samples? If NO, list by sample #: 20. Was the project manager called and status discussed? If YES, give details on the back of this form.	YES YES YES	NO NO NO



CHAIN OF CUSTODY	WASTE	STRE	A			OFFIC	æ U\$	E ONLY	15/	<i>ו</i> נונו	_	1	PAGE	OF
REPORT TO: Sources Favorented Services	Weste Street	•	QROL		6 L	171	<u> </u>			ARE SPECIAL DETECTION LIMITS				
353 Hamilton Bled	302 Grate Stre	et Buffa	lo. NY	14207		100							REQUIRED:	
South Place Field All 07080 .	(716) 876-5290)• FAX (7							AROUN			Ω	If yes please ettech r	Management
Sam Tauclanis			SW GR	NIKING WAT OUND WAT RFACE WAT	TER S	L SLUDGI ED BOIL B SOLUD V WIPE			ATION I			o	la a QC Package ret	puired:
CONTACT 716-609-1775 PHJ()			O OF	STE WATER	A V	V WIPE	•						If yes ploace attach	
FAXI()			/ ·w	/		NALYSE	:S TO	BE PERI	FORME	D		/		
BILLTO:	1 / /		§		$\neg \tau$	7	T^{-}	7	7	-7	7	\neg		
G 2.38	SA SA		NE CONTRACTOR	1 4	/ و	ر ان		1 1	' /					
G238 - Cornell Dubiler		<u>w</u>	8 7		1			! -						
SAMPLER SIGNATURE	DATE SAMPLED TIME OF SAMPLING	Sumple Type Total A.	To STATE OF CONTAINERS	TCLP MOLL	Temperat	/ /	-					/ K	E OF CONTAINER/ VIMENTS:	OFFICE USE ONLY WST. I.D.
SAMPLE LD.	1 - 1		 	 	' /		+-		/	_	/	-		101
1 G 136-Cluster R. Tank Aniast SWIPE	1120 M	1	X	X			_	_	+			Conc	ete Simples	
12400			}				╬		-	 	-	 -		02
3 G238-CLUSTER-IZ-TANK- CONCEST	1340 or,	<u>eg 1.</u>	·X	^	. 		+	- 	+-	├─	 			
4 TERP BLANK		1	}	╁╼╌┼	<u> </u>		+		-	+	 	-		1
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Preservative - ice		· LAX	. 22	- 1005	·- 80	61.			•					·
	TOATE-	, ,	TIME:			REC	ETVED	5Y: D (~				DATE:	F. 1800
RELINQUISHED BX: Sam Tavelan; RELINQUISHED BY:	DATE:	11/	TIME	FO	5			153	·		<u> </u>	·	12 1/4 10 DATE:	TIME:
RELINQUISHED BY:	DATE:	1	TIME:			RE	7	· /c	200	1191	de	_	172158	6 10:00

GENERATOR'S WASTE PROFILE SHEET PLEASE PRINT IN INK OR TYPE

	•	ervice Agreement on File?	YES NO		Profile Numb	er: <u>VG 4062 (Model (</u>	City)					
,	<u></u>	Hazardous Non-Hazardou	s 🖾 TSCA		Renewal Dat		•					
	A_{λ}	Waste Generator Information		 -		·· 		_				
	1.	Generator Name: Cornell-Du	biller Superfund Sit	e/US FPA Region	2. SIC Co			,				
	3.	Facility Street Address:333 H	familiton Boulevard		4. Phone:		·	•				
	5.	Facility City: South Plainfield	·			Province: NJ						
	7.	Zip/Postal Code: 08882			8. Generator USEPA/FED ID #: NJD 981 557 879							
	9.	County:			10. State/Province ID#:							
	-11		Environmental Serv	ices, Inc		ner Phone: (716) 284	-0431					
	13		ey .	•	14. Custon	ner Fax (716) 285-42	201					
	15		ort Road, Niagara Fr	alls. NY 14302								
		Waste Stream Information										
	1,	DESCRIPTION				•		_				
	8.	Name of Waste: Tank Steel (C	tuster 12 A6T), soli	ds and crushed e	mpty drums			•				
	b.	Processing Generating Waste	Tank steel from an	shows amund at	orono inale Com	ptv) removed during :	remedial action at the Site. Steel					
						ted and empty drums	remedial action at the Site. Steel	WIII				
		Analysis of the residual floor co	ontents and sidewal	solids of tank att	ached.		The state of the s	ж.				
	c. (Color d. Stron	ng odor (describe)	e. Physical state		f. Lavers						
	Bro	oil oil	C = = = · (Essure)		Liquid	Single Layer	g. Free liquid range					
			:		Studge	☐ Multi-Layer	to <u>0</u> %. h. pH: Range					
				Other		C mon-cayer	5 to 9					
	i.	Liquid Flash Point: U<73°F	□73_00°F □140				· — -					
	j.	Chemical Composition (List all	Constituents linched	ing halonenated o	F188°F ∐≥	200°F	☑Not Applicable tin any concentration and submit					
	-	representative analysis)	The state of the s	mili manodemated (nyanics, debin	, and ones present	in any concentration and submit					
•	Cor	nstituents	Concentration Ran	ide	Constituents		[O					
		nk Steel	95-100%		Constituents		Concentration Range					
		oris (paper, plastic, etc.)	0-1%		<u> </u>							
		ık solids —	1-2%									
		sed, empty drums	1-5					<u> </u>				
•	170	3	up to 133.9 ppm (s	ee attached)								
٠	\vdash		· · · · · · · · · · · · · · · · · · ·			·						
					<u> </u>	· · · · · · · · · · · · · · · · · · ·						
	•		FOTAL COM	POSITION MUS	T FOUR OF I	VOEED 40007						
•	k.	Oxidizer	☐ Pyrophoric	-		• • • • • • • • • • • • • • • • • • • •						
	Γ.,	=	T Pyrophone		i i Evalocka	• •	☐ Radioactive					
		I Carcinogen	[] Infontions	•	☐ Explosive							
	I.	Carcinogen Does the waste represented by	Infectious		Chart San	ellho	C Motor December	:				
	I.	Does the waste represented by	this profile contain :	any of the carrino	Shock Sen	sitive	☐ Water Reactive	:				
		Does the waste represented by (list in Section B.I.)	this profile contain	any of the carcino	Shock Sen	sitive	☐ Water Reactive	:				
		Does the waste represented by (list in Section B.I.)	this profile contain o	any of the carcino	Shock Sengens which rec	sitive quire OSHA Notificatio	☐ Water Reactive on? ⊠ YES ☐ NO	•				
	m.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.)	this profile contain of this profile contain of	any of the carcino	Shock Sengens which rec	sitive quire OSHA Notification	☐ Water Reactive on? ☑ YES ☐ NO	•				
	m.	Does the waste represented by (list in Section B.I.)	this profile contain of this p	any of the carcino	Shock Sengens which rec	sitive puire OSHA Notification	☐ Water Reactive on? ☑ YES ☐ NO					
	m. n.	Does the waste represented by (list in Section B.I.)	this profile contain on this profile contain on this profile contain on this profile contain a	any of the carcino	Shock Sen	sitive quire OSHA Notification	☐ Water Reactive on? ☑ YES ☐ NO ☐ YES ☒ NO ☐ YES ☒ NO	:				
	m. n.	Does the waste represented by (list in Section B.I.)	this profile contain of this profile contain of this profile contain of this profile contain this profile contain the profile	any of the carcino	Shock Sen	sitive quire OSHA Notification	☐ Water Reactive on? ☑ YES ☐ NO ☐ YES ☒ NO ☐ YES ☒ NO					
	m. n.	Does the waste represented by (list in Section B.I.)	this profile contain a this profile contain a this profile contain a	dioxins?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) Does the waste represented by if yes Does the waste represented by if yes, concentration ppm is the waste subject to benzene	this profile contain a this profile contain a this profile contain a this profile contain b waste operations N	dioxins? asbestos?	Shock Sengens which rec	sitive quire OSHA Notification e □non-friable	□ Water Reactive on?					
	m. n. o.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) Does the waste represented by if yes Does the waste represented by if yes, concentrationppm is the waste subject to benzene is the waste subject to RCRA Su	this profile contain a this profile contain a this profile contain a this profile contain b waste operations N	dioxins? asbestos?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) Does the waste represented by if yes Does the waste represented by if yes, concentrationppm is the waste subject to benzene is the waste subject to RCRA Sulf no, does the waste meet the o	this profile contain a this profile contain a this profile contain a this profile contain b waste operations N ubpart CC controls?	dioxins? asbestos? benzene?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) Does the waste represented by if yes Does the waste represented by if yes, concentrationppm is the waste subject to benzene is the waste subject to RCRA Sulf no, does the waste meet the oil in o does the waste contain <50	this profile contain a this profile contain a this profile contain a this profile contain b waste operations N abpart CC controls? rganic LDR Exempt Opports volatile or	dioxins? asbestos? benzene?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) Does the waste represented by if yes Does the waste represented by if yes, concentrationppm Is the waste subject to benzene Is the waste subject to RCRA Sulf no, does the waste meet the olf no does the waste contain <50 Volatile organic concentration ps	this profile contain a this profile contain a this profile contain a this profile contain b waste operations N abpart CC controls? rganic LDR Exempt to ppmw volatile org	any of the carcino dioxins? asbestos? penzene? ESHAP dion?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) The waste represented by (list in B.1.) If yes, concentrationppm ls the waste subject to benzene ls the waste subject to RCRA Sulf no, does the waste meet the old in old on the waste contain <50 Volatile organic concentration places the waste contain any Class	this profile contain a this profile contain a this profile contain a this profile contain a this profile contain a waste operations N ubpart CC controls? rganic LDR Exempt 10 ppmw volatile org pmw	dioxins? asbestos? benzene? ESHAP ion? panic (VO)?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene (list in B.1.) Is the waste subject to RCRA Sulf no, does the waste meet the oil of no does the waste contain <50 Volatile organic concentration ploes the waste contain any Class Does the waste contain debris?	this profile contain a this profile contain a this profile contain a this profile contain a this profile contain b waste operations N ubpart CC controls? rganic LDR Exempt 00 ppmw volatile org pmw is I or Class II ozona	any of the carcino dioxins? asbestos? Denzene? ESHAP ion? panic (VO)?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene Is the waste subject to RCRA Sulf no, does the waste meet the oil if no does the waste contain <50 Volatile organic concentration ploes the waste contain any Class Does the waste contain debris? (list the waste subject to controls a	this profile contain a this profile contain a	any of the carcino dioxins? asbestos? Denzene? ESHAP ion? panic (VO)?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene (list in B.1.) Is the waste subject to RCRA Sulf no, does the waste meet the oil of no does the waste contain <50 Volatile organic concentration ploes the waste contain any Class Does the waste contain debris?	this profile contain a this profile contain a	any of the carcino dioxins? asbestos? Denzene? ESHAP ion? panic (VO)?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene Is the waste subject to RCRA Sulf no, does the waste meet the oil if no does the waste contain <50 Volatile organic concentration_pl Does the waste contain any Class Does the waste contain debris? (list he waste subject to controls a lif yes, is it a Table 8 or Table	this profile contain a this profile contain a	any of the carcino dioxins? asbestos? Denzene? ESHAP ion? panic (VO)?	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene Is the waste subject to RCRA Sulf no, does the waste meet the oil if no does the waste contain <50 Volatile organic concentration ploes the waste contain any Class Does the waste contain debris? (list the waste subject to controls a	this profile contain and this profile controls? The profile contain and this profile contain and this profile contain and the profile contain a	any of the carcino dioxins? asbestos? penzene? ESHAP jon? panic (VO)? a-depleteing subs.)	Shock Sengens which reconstruction of the HON	sitive quire OSHA Notification e	□ Water Reactive on?					
	m. n. o. p. q.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene Is the waste subject to RCRA Sulf no, does the waste meet the oil of no does the waste contain <50 Volatile organic concentration_ploes the waste contain any Class Does the waste contain debris? (list he waste subject to controls a lif yes, is it a Table 8	this profile contain and this profile controls? The profile contain and this profile contain and this profile contain and the profile contain a	any of the carcino dioxins? asbestos? Denzene? ESHAP panic (VO)? a-depleteing subs) vater or residual u	Shock Sengens which rec	sitive quire OSHA Notification	□ Water Reactive on?					
	m. n. o. p.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene Is the waste subject to RCRA Subject in Contain If no does the waste meet the outling of the waste contain any Class Does the waste contain any Class Does the waste contain debrie? (list he waste subject to controls a list he waste subject he waste contain he list he waste list he waste subject he waste contain he list he waste list he wast	this profile contain and this profile controls? The profile contain and this profile contain and this profile contain and the profile contain a	any of the carcino dioxins? asbestos? penzene? ESHAP jon? panic (VO)? a-depleteing subs.)	Shock Sengens which reconstruction of the HON	sitive quire OSHA Notification e	□ Water Reactive on?					
	m. n. o. p. q. i.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene is the waste subject to RCRA Sulf no, does the waste meet the oil of no does the waste contain any Clastic organic concentration places the waste contain debris? (list he waste subject to controls a lift yea, is it a Table 8 or Table Quantity of Waste Estimated Annual Volume 40 Shipping Information Packaging	this profile contain and this profile controls? The profile contain and this profile contain and this profile contain and the profile contain a	any of the carcino dioxins? asbestos? penzene? ESHAP jon? panic (VO)? a-depleteing subs.)	Shock Sengens which reconstruction of the HON	sitive quire OSHA Notification e	□ Water Reactive on?					
	m. n. o. p. q. i.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene list he waste subject to RCRA Sulf no, does the waste meet the oil of no does the waste contain any Class Does the waste contain any Class Does the waste contain debris? (list he waste subject to controls a lift yea, is it a Table 8 or Table Quantity of Waste Estimated Annual Volume 40 Shipping Information Packaging Bulk Solid: Type/Size	this profile contain and this profile controls? The profile contain and this profile contain and this profile contain and the profile contain a	any of the carcino dioxins? asbestos? penzene? ESHAP jon? panic (VO)? a-depleteing subs.)	Shock Sengens which reconstruction of the Hongens which reconstruc	e ☐ non-friable	□ Water Reactive on?					
	m. n. o. p. q. i.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.) If yes, concentrationppm Is the waste subject to benzene is the waste subject to RCRA Sulf no, does the waste meet the oil of no does the waste contain any Class (list in B.1.) Does the waste contain debris? (list in B.1.) Does the waste subject to controls a list in B.1. Quantity of Waste Estimated Annual Volume 40 Shipping Information Packaging	this profile contain and this profile controls? The profile contain and this profile contain and this profile contain and the profile contain a	any of the carcino dioxins? asbestos? penzene? ESHAP jon? panic (VO)? a-depleteing subs.)	Shock Sengens which reconstruction of the Hongens which reconstruc	e	□ Water Reactive on?					
	m. n. o. p. q. r. s.	Does the waste represented by (list in Section B.I.) Does the waste represented by (list in B.1.j) If yes, concentrationppm Is the waste subject to benzene (list in B.1.j) If no does the waste meet the oil of no does the waste contain any Class (list in B.1.j) Does the waste contain debrie? (list in B.1.j) Does the waste subject to controls a list in B.1.j Does the waste subject to control	this profile contain and this profile controls? The profile contain and this profile contain and this profile contain and the profile contain a	any of the carcino dioxins? asbestos? penzene? ESHAP jon? panic (VO)? a-depleteing subs.)	Shock Sengens which reconstruction of the Honor the Hono	e	□ Water Reactive on?					
	m. n. o. p. q. r. s.	Does the waste represented by (list in Section B.I.)	this profile contain and this profile controls? The profile contain and this profile contain and this profile contain and the profile contain a	any of the carcino dioxins? asbestos? penzene? ESHAP jon? panic (VO)? a-depleteing subs.)	Shock Sengens which reconstruction of the Honor the Hono	e	□ Water Reactive on?					

GENERATOR'S WASTE PROFILE SHEETPLEASE PRINT IN INK OR TYPE

	,		
	b.	Shipping frequency: Units 3 Per: ☐Month ☐Quarter ☐Year ☑One Time ☐Other	
•	C.	is this a U.S. Department of Transportation (USDOT) Hazardous Material? (If no, skip d, e and f)	. 🛛 YES 🔲 NO
	d. f.	Reportable quantity (lbs./kgs):1 e. Hazardous Class/ID#: <u>UN 2315</u> USDOT Shipping Name <u>RQ. Polychlorinated Biohenyls, Solid</u>	
	g.	Personal Protective Equipment Requirements	
	h.	Transporter/Transfer Station	
	C.	The state of the following of the following	
	1. a.	is this a USEPA hazardous waste (40 CFR Part 261)? If the answer is no, skip to 2	. ☐ YES 🖾 NO
	a.	If yes, identify ALL USEPA listed and characteristic waste code numbers (D,F,K,P,U)	
•		Manhamata I. Mahamata I. Maham	•
	b.	If a characteristic hazardous waste, do underlying hazardous constituents (UHCs) apply? (if yes, list in Section. B.i.j)	
<i>:</i>	C.	Does this waste contain debris? (If yes, list size and type in Chemical Composition- B.I.)	MYTO CINO
	٠.	Does this waste contain debris? (a yes, ast size and type of Chemical Composition- B.I.)	. MYES LINO
	2.	is this a state hazardous waste?	⊠YES □ NO
	•	Identify ALL state hazardous waste codes <u>B007</u>	
	3.	Is the waste from a CERCLA (40 CFR 300, Appendix B) or state mandated clean-up?	⊠ YES□ NO
		If yes, attach Record of Decision (ROD), 104/106 or 122 order or court order that governs site clean-up for activity. I clean-up, provide relevant documentation.	ror state mandated
			•
	4.	Does the waste represented by this waste profile sheet contain radioactive material, or is disposal regulated by the	
•		Nuclear Regulatory Commission?	□ YES 🖾 NO
	5 .	Does the waste represented by this waste profile sheet contain concentrations of Polychlorinated Biphenyls (PCBs)	regulated by 40 CFR
		761? (if yes, list in Chemical Composition-B.I.). a. If yes, were the PCBs imported into the U.S.?	XES NO
	6.	Do the waste profile sheet and all the attachments contain true and accurate descriptions of the waste material, and	
		information within the possession of the Generator regarding known or suspected hazards pertaining to the waste he	en disclosed to the
)	<u>.</u> .	Contractor?	
:	7.	Will all- changes which occur in the character of the waste be identified by the Generator and disclosed	
•	•	to the Contractor prior to providing the waste to the Contractor?	🛛 YES 🗌 NO
		Check here if a Certificate of Destruction or Disposal is required.	
٠		sample submitted is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. I at	dhada MAA ahtata a
	san	nple from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersign	ined signs as authorized
	·age	ant of the generator and has confirmed the information contained in this Profile Sheet from information provide	d by the generator and
	add	litional information as it has determined to be reasonably necessary. If approved for management, Contractor has a I licenses for the waste that has been characterized and identified by this approved profile.	all the necessary permits
	Ceit		AD RPM
	Nan	ne (Type or Print) Poter Manne Company Name USEPI	Date_1/24/07
	ÆI 2		pages. <u>Fank Wall Solids</u>
	D. V	Vaste Managament's Decision	
	٦.		ineration
			•
		Proposed Ultimate Management Facility	
	3.	Precautions, Special Handling Procedures, or Limitation on Approval	.*
۱.	4.	Waste Form: 5. Source: 6. System Type:	uran a yanan a sa sa sa
		cial Waste Decision: Approved Disapproved	
			1
	Sale	esperson's Signature:Date:	ļ
	L		l l

Cornell Dubillier Electronics Superfund Site – Site Sample Review Form

Prepared For:

Sample ID(s) G238-Oil Tank-Wall-1-4-122106

G238-Oil Tank Solids-3-4-121906

Prepared By:

Ken Paisley

CC:

Kim Lickfield

Date:

01/17/07 (Rev 2)

Waste Determination (if applicable): PCB Debris > 50 PPM (TSCA)

This memorandum summarizes the results of the internal data quality review assessment for the above referenced sample(s) conducted by Sevenson Environmental Services, Inc., personnel as part of its Corporate Data Quality Assurance Program. All results have been evaluated relative to general guidance provided in 40 CFR 261, Identification and Listing of Hazardous Wastes, for hazardous waste determination. (www.epa.gov/epacfr40/chapt-linfo/chi-toc.htm).

A copy of the data assessment sheet for the samples is attached. The analyses performed are of acceptable data quality.

"I, the undersigned, as authorized by my company and under its Contract No. W912DQ-04-D-0023, certify that the wastestream represented by this analysis will be managed as follows:

Disposal Facility – CWM Model City/Model City, NY
Waste Classification – PCB Debris > 50 ppm (TSCA Regulated)

This waste management decision is based upon the definitions of hazardous waste as defined in 40 CFR 261.20 to 261.24 and/or 40 CFR 761. Furthermore, based on generator's knowledge of site processes, the waste is not a listed hazardous waste per 40 CFR 261.30 to 261.34, and, TCLP and Total Characteristics not tested for are known not to be present in the concentrations equal to or greater than the values specified in the TC Rule in 40 CFR 261.24."

Approved by:

Kenneth Paisley, CHMM Technical Services Manager

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

ANALYTICAL REPORT FOR SAMPLES

S1 PD	TELEVITICAL REPORT FOR S.	AMPLES			
Sample ID	Laboratory ID	Matrix	11:	Date Sampled	Date Received
G238-Oil Tank-Solids-3-121906	6L20009-03	Solid	· · · · · · · · · · · · · · · · · · ·	12/19/06 13:05	12/20/06 12:00
G238-Oil Tank-Solids-4-121906	6L20009-04	Solid		12/19/06 13:15	
				-m 15,00 15,15	12/20/06 12:00

Case Narrative

This narrative pertains to two samples from the Cornell-Dubilier Electronics G-238 site, collected on December 19, 2006 and received December 20, 2006. The samples correspond to the Waste Stream Technology Inc. work order number 6L20009 and sample ID m

1. Sample Receipt and Preservation: The samples arrived at the laboratory carefully packed in one cooler and the custody seals we on the cooler. The temperature inside the cooler was measured and found to be within acceptable limits (@ 3°C). All of the information on the chain-of-custody forms placed inside the shipping cooler.

The sample receipt checklists for this work order number are included in the Chain-of-Custody section of the final result report.

- 2. Sample Holding Times: All required holding times were met for all of the extractions and analyses performed on the sample in - 3. Method Blank Analysis: The method blanks analyzed for each of the analytical parameters performed on the samples in work p
- 4. Laboratory Control Sample (LCS) Analysis: Recoveries of the target analytes from the laboratory control samples associated with analyses of the sample from work order number 6D28006 were found to be within the control limits, with the following excepts
- 4.1 The recoveries of TCLP arsenic and TCLP selenium from the laboratory control sample AL62210-BS1 were above QC limits were flagged with the G qualifier. TCLP arsenic and TCLP selenium were not detected in sample 6L20009-04 therefore no qualifiers it qualifiers were assigned.
- 5. Matrix Spike and Matrix Spike Duplicate Analysis: Matrix spike and matrix spike duplicates were performed for TCLP metals it all recoveries and RPDs for this analysis were within QC limits

Matrix spike and matrix spike duplicates were performed for mercury analyses on sample number 6L20009-04 . All recoveries duplicates were within QC limits .

Matrix spike and matrix spike duplicates were performed for PCB analysis on sample number 6L15006-01RE1 (a sample not from with the following exceptions:

5.1 The matrix spike AL62118-MS2 and matrix spike duplicate recoveries AL62118-MSD2 for PCB analysis of Aroclor 1016 and A 1260 were outside acceptable limits due to matrix interference and were flagged with QM-05 qualifiers. Since the LCS recoveries within QC limits, the data is acceptable.

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

Matrix spike analysis was performed for TCLP volatile analysis on sample number 6L22008-01 (a sample not from work order number 2L20009, but extracted and analyzed in the same analytical batch). All recoveries for this analysis were within QC limits.

Laboratory control sample duplicates were analyzed for TCLP pesticide and semivolatile organic compound analyses. The recoveries described in these analyses were within QC limits.

- 6. Surrogate Compound Recovery: The surrogate recoveries from the GC/MS analyses of the Cornell-Dubilier Electronics site samples from work order number 6L20009 and the associated quality control sample analyses were found to be within laboratory quality ch
- 6.1 The recoveries of the surrogate compounds Tetrachloro-meta-xylene and Decachlorobiphenyl in sample 6L20009-03RE1 for PCB analysis were not available due to sample dilution required from high analyte concentration and were flagged with the S-01 and qualifiers
- 7. Trip Blank Analyses: Trip blank analysis was not performed for this work order.
- 8. Laboratory Authentication Statement: I certify, to the best of my knowledge, that the information submitted in this analytical depicture, accurate and complete, and conforms to the current Sampling and Analysis Plan for the Hisgine Ferm Superfund Site . Laboratory Director, or his designee, has authorized release of this data as verified by the report page signature .

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Metals by 6000/7000 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-4-121906 (6L	20009-04) Solid	Sampled: 12/	19/06 13:15	Reco	elved: 12/2	0/06 12:00			
Mercury Silver Arsenic Bartum Cadmium Chromium Lead Selenium	ND ND ND 0.129 0.051 ND ND	0.001 0.025 0.045 0.025 0.025 0.025 0.075 0.095	mg/L	1 5	AL62210	12/27/06	12/27/06 12/22/06	EPA 7470A-TCLP 6010B	t t t

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238
Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

Polychlorinated Biphenyls by EPA Method 8082

. Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-3-121906 (6L20009-03RE1) Solid	Sampled:	12/19/06	13:05	Received:	12/20/06 13	2:00		
Aroclor 1016	, ND	1320	ug/kg dry	400	AL62118	12/21/06	12/22/06	0000	
Arocior 1221	ND	1320	•		•		122200	8082	,
Aroclor 1232	, ND	1320				_	_	•	,
Arocior 1242	21200	1320				_	-	•	,
Aroclor 1248	ND	1320		• •	_	-	•	•	
Aroclor 1254	99400	1320				•	•	•	1
Aroclor 1260	13300	1320		_		•	•	*	
Surrogate: Tetrachloro-meta-xylene								•	
		%	61-	140	•	-			S-01,
Surrogate: Decachlorobiphenyl		%	56-	136	•	•	•	•	S-01,

Project: Cornell-Dubilier Electronics
Project Number Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-4-121906 (6L20009-04)	Solid	Sampled: 12/	19/06 13:15	Rec	eived: 12/2	0/06 12:00			
vinyl chloride	ND	10	ug/l		AL62704				
1,1-dichloroethene	ND	10		•	AL02704	12/27/06	12/27/06	8260-TCLP	
2-butanone	ND	100				•	•	•	
chloroform	ND	100				•	•	•	
arbon tetrachloride	ND		-	•.	•	•	•	•	
penzene	ND ND	10	-	•	. •	. •	•	•	,
,2-dichloroethane		10	•	•	•	•	•	•	1
richloroethene	ND	10	•	•	•	•	•	•	1
etrachioroethene	ND	10	•	•	•	•	•	•	;
hiorobenzene	ND	10	•	•	•	•	•		1
,4-dichlorobenzene	ND	10	•	•	•		• '	•	1
	ND	10	•	•	•	•	•	•	
surrogate: Dibromofluoromethane		95.7 %	75-12.	5	-				
hurrogate: 1,2-Dichloroethane-d4		92.3 %	66-12	•				-	
urrogate: Tohuene-d8		94.0 %	81-118				•	_	
surrogate: Bromofluorobenzene		90.0 %	85-12		•		•	-	

Project: Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238
Project Manager Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Pesticides by EPA Method 1311/8081A

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-4-121906	(6L20009-04RE1) Solid	Sampled:	12/19/06	13:15	Received:	12/20/06	2:00		
Gamma-BHC (Lindane)	ND	0.400	ug/l	10	AL62220	12/22/06	12/26/06	F20.4	
Heptachlor	ND	0.400	•	•	7202220	122200	. 12/20/00	EPA 8081A	
Heptachior Epoxide	ND							•	,
Endrin	ND						-	•	,
Methoxychlor	ND	0.400					-	•	1
Chlordane	ND	8.00			-	-	_	•	1
Toxaphene	ND	·0.400		•		-	•	•	1
Surrogate: Tetrachioro-meta-xylene							-	•	
Surrogate: Decachlorobiphenyl	•	89.5 %	55-		*	*	-		
sur oguie. Decucniorobipnenyi		65.5 %	58-	130	-	-	-	•	

Project: Cornell-Dubilier Electronics
Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Herbicides by EPA Method 1311/8151A

Analyte		Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oll	Tank-Solids-4-121906	(6L20009-04) Solid	Sampled: 12/	19/06 13:15	Rec	eived: 12/2	0/06 12:00			
2,4-D	•	ND	20.0	ug/l	50	AL62609	12/26/06	12/27/06	8151	U
2,4,5-TP	(Silvex)	ND	20.0	•	*	•	•	. •	•	U
Surrogate.	: 2,4-DCPAA		101 %	24-14	16	•	•	-		

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Solids-4-121906 (6L20009-04) Solid	Sampled: 12/1	9/06 13:15	Rec	cived: 12/2	0/06 12:00			
pyridine	ND	8	ug/l	1	AL62219	12/22/06	12/22/06	8270C-TCLP	
1,4-dichlorobenzene	ND	8	•		•		12/22/00	62/UC-ICLP	. 1
Total cresols (o,m & p)	ND	24	• .					-	1
hexachloroethane	ND	8						-	1
nitrobenzene	ND	8					_	-	l
bexachlorobutadiene	ND	8				•	-	-	1
2,4,6-trichlorophenol	ND	16					• "	-	,
2,4,5-trichlorophenol	ND						-		Ţ
2,4-dinitrotoluene	ND	8						•	ı
nexachlorobenzene	ND	2				-	_	•	τ
pentachlorophenoi	ND	16			•		_	-	τ
Surrogate: 2-Fluorophenol		34.0 %	22-57				·		
Surrogate: Phenol-dó		22.2 %	15-38			_	. .	•	
Surrogate: Nitrobenzene-d5		69.0 %	45-100		-	_	-	*	
Surrogate: 2-Fluorobiphenyl		67.8 %	45-100		•	_	-	~	
Surrogate: 2,4,6-Tribromophenol		67.1 %	45-103 45-115			_		•	
Surrogate: Terphenyl-d14		84.0 %	43-113 31-127			-	-	•	

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Reported: 01/09/07 13:44

Project Manager:Sam Tavelaris

Conventional Chemistry Parameters by EPA Methods

				В.				•	
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared .	Analyzed	Method	Notes
G238-Oil Tank-Solids-3-121906 (6L20009-03	Solid	Sampled: 12/19	9/06 13:05	Recei	ved: 12/2	0/06 12:00			
% Solids	92.6	0.1	% .	. 1	AL62202	12/21/06	12/22/06	% calculation	
G238-Oil Tank-Solids-4-121906 (6L20009-04	Solid	Sampled: 12/19	9/06 13:15	Recei	ved: 12/2	0/06 12:00			
PH	5.89	0.10	pH Units		AL62722	12/27/06	12/27/06	EPA 9045C	

Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager: Sam Tavelaris

Reported: 01/09/07 13:44

Physical Parameters by APHA/ASTM/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Metho	od	Notes
G238-Oil Tank-Solids-4-121906 (6L20	009-04) Solid	Sampled: 12/1	19/06 13:15	Reco	eived: 12/2	0/06 12:00				
Ignitability by Flashpoint	>200		deg F	1	AL62712	12/26/06	12/26/06	EPA	1010	
Reactive Cyanide	ND	40.0	mg/kg	•	AL61930	12/26/06 12/22/06 12/19/06	12/20/06	Section	7.3.3.2	U
Reactive Sulfide	ND	40.0	•	•	AL61929	12/19/06 12/20/06	12/20/06	Section	7.3.4.2	ប

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Metals by 6000/7000 Series Methods - Quality Control Waste Stream Technology Inc.

Blank (AL62210-BLK1)	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
ND										
Silver ND 0.023 mg/L Arsenice ND 0.045 - Barium ND 0.025 - Chromium ND 0.025 - Lead ND 0.075 - Selenium ND 0.075 - Selenium ND 0.075 - Selenium ND 0.075 - Selenium ND 0.075 - LCS (AL62210-BS1) Prepared & Analyzed: 12/22/06 Silver 1.26 0.025 mg/L 1.11 114 80-120 Arsenic 1.36 0.045 - 1.11 123 80-120 Chromium 1.33 0.025 - 1.11 118 80-120 Chromium 1.31 0.025 - 1.11 111 80-120 Chromium 1.31 0.025 - 1.11 111 80-120 Chromium 1.23 0.025 - 1.11 111 80-120 Selenium 1.46 0.095 - 1.11 111 80-120 Selenium 1.46 0.095 - 1.11 111 80-120 Lead 1.28 0.075 - 1.11 111 80-120 Lead 1.28 0.075 - 1.11 111 80-120 Selenium 1.46 0.095 - 1.11 111 80-120 LCS (AL62210-BS2) Prepared & Analyzed: 12/27/06 Silver 1.06 0.025 mg/L 1.11 95.5 80-120 Chromium 1.09 0.025 - 1.11 96.4 80-120 Chromium 1.09 0.025 - 1.11 97.3 80-120 Chromium 0.989 0.025 - 1.11 97.3 80-120 Chromium 1.08 0.095 - 1.11 97.3 80-120 Chromium 1.09 0.095 - 1.11 0.0009 101 75-125 Selecium 1.10 0.0025 mg/L 1.11 0.0009 101 75-125 Selecium 1.14 0.025 mg/L 1.11 0.0009 101 75-125 Selecium 1.15 0.025 - 1.11 0.0009 104 75-125 Selecium 1.16 0.025 mg/L 1.11 0.0009 104 75-125 Selecium 1.19 0.025 - 1.11 0.0009 104 75-125				Prepared	& Anah	/zed: 12/2	22/06			
Arsenic ND 0.045 - Barium ND 0.025 - Chromium ND 0.075 - Chromium ND 0.095 - LCS (AL62210-BS1) LCS (AL62210-BS1) Prepared & Analyzed: 12/22/06 Revium 1.36 0.045 - 1.11 123 80-120 Chromium 1.31 0.025 - 1.11 118 80-120 Chromium 1.31 0.025 - 1.11 118 80-120 Chromium 1.31 0.025 - 1.11 118 80-120 Chromium 1.22 0.025 - 1.11 111 80-120 Chromium 1.23 0.025 - 1.11 111 80-120 Chromium 1.24 0.075 - 1.11 111 80-120 Chromium 1.25 0.025 - 1.11 111 80-120 Chromium 1.06 0.025 mg/L 1.11 95.5 80-120 Chromium 1.06 0.025 mg/L 1.11 95.5 80-120 Chromium 1.06 0.025 mg/L 1.11 95.5 80-120 Chromium 1.08 0.025 - 1.11 97.3 80-120 Chromium 1.08 0.025 - 1.11 97.3 80-120 Chromium 1.08 0.025 - 1.11 97.3 80-120 Chromium 1.08 0.095 - 1.11 0.0009 101 75-125 Chromium 1.15 0.025 - 1.11 0.0009 101 75-125 Chromium 1.16 0.025 - 1.11 0.0009 101 75-125 Chromium 1.18 0.025 - 1.11 0.0009 101 75-125 Chromium 1.19 0.025 - 1.11 0.0009 104 75-125 Chromium 1.19 0.005 - 1.11 0.0009 104 75-125 Chromium 1.19 0.005 - 1.11 0.0009 104 75-125	ND	0.025	mg/L							
Coloration	ND	0.045	-							1
Chromium ND 0.025 -	ND	0.025	•							
Lead ND 0.075 Selenium ND 0.095 Selenium S	ND	0.025								1
Scientium ND 0.095	ND	0.025	•						•	1
Prepared & Analyzed: 12/22/06	ND	0.075	•							1
Silver 1.26	ND	0.095	•							1
Silver 1.26 0.025 mg/L 1.11 114 80-120 Arsenic 1.36 0.045 - 1.11 123 80-120 Barium 1.33 0.025 - 1.11 120 80-120 Chronium 1.31 0.025 - 1.11 118 80-120 Chronium 1.23 0.025 - 1.11 111 80-120 Chronium 1.28 0.075 - 1.11 111 80-120 Setenium 1.46 0.095 - 1.11 115 80-120 LCS (AL62210-BS2) Frequed & Analyzed 12/27/06 Silver 1.06 0.025 mg/L 1.11 95.5 80-120 Arsenic 1.07 0.045 - 1.11 95.5 80-120 Chronium 1.08 0.025 - 1.11 95.8 80-120 Chronium 0.989 0.025 - 1.11 97.3 80-120 Chronium 1.08 0.095 - 1.11 97.3 80-120 Chronium 1.08 0.095 - 1.11 97.3 80-120 Chronium 1.08 0.095 - 1.11 97.3 80-120 Setenium 1.08 0.095 - 1.11 97.3 80-120 Setenium 1.08 0.095 - 1.11 97.3 80-120 Setenium 1.08 0.095 - 1.11 97.3 80-120 Matrix Spike (AL62210-MS1) Source: 6L21006-02 Prepared & Analyzed 12/22/06 Silver 1.12 0.025 mg/L 1.11 0.0009 101 75-125 Chronium 1.09 0.025 - 1.11 0.0005 104 75-125 Chronium 1.09 0.025 - 1.11 0.0005 104 75-125 Chronium 1.09 0.025 - 1.11 ND 98.2 75-125 Chronium 1.09 0.025 - 1.11 ND 98.2 75-125 Chronium 1.09 0.025 - 1.11 ND 98.2 75-125				Prepared	& Ansh	rzed: 12/2	2/06			
Arsenic 1.36 0.045 - 1.11 123 80-120 Barium 1.33 0.025 - 1.11 120 80-120 Cadmium 1.31 0.025 - 1.11 118 80-120 Cadmium 1.23 0.025 - 1.11 118 80-120 Lead 1.28 0.075 - 1.11 115 80-120 Lead 1.28 0.075 - 1.11 115 80-120 LLCS (AL62210-BS2) Prepared & Analyzed: 12/27/06 Silver 1.06 0.025 mg/L 1.11 95.5 80-120 Arsenic 1.07 0.045 - 1.11 95.5 80-120 Barium 1.03 0.025 - 1.11 96.4 80-120 Cadmium 1.08 0.025 - 1.11 97.3 80-120 Cadmium 1.08 0.025 - 1.11 97.3 80-120 Cadmium 0.989 0.025 - 1.11 97.3 80-120 Chromium 1.08 0.095 - 1.11 97.3 80-120 Matrix Spike (AL62210-MS1) Source: 6L21006-02 Prepared & Analyzed: 12/22/06 Silver 1.12 0.025 mg/L 1.11 0.0009 101 75-125 Arsenic 1.49 0.045 - 1.11 0.340 104 75-125 Cadmium 1.43 0.025 - 1.11 0.00005 104 75-125 Cadmium 1.15 0.025 - 1.11 0.00005 104 75-125 Cadmium 1.15 0.025 - 1.11 0.00005 104 75-125 Cadmium 1.15 0.025 - 1.11 0.00005 104 75-125 Cadmium 1.09 0.025 - 1.11 0.00005 104 75-125 Caronium 1.09 0.025 - 1.11 0.010 100 75-125	1.26	0,025	mg/L							
Barium	1.36	0.045	-							(
Cadenium	1.33	0.025	•	1.11						`
Chromium	1.31	0.025	•	1.11						
Lead	1.23	0.025	. •							
Selenium 1.46 0.095 1.11 132 80-120	1.28	0.075			٠.					
Silver 1.06 0.025 mg/L 1.11 95.5 80-120	1.46	0.095	•							
Silver				Prepared	& Analy	zed: 12 <i>/</i> 2	7 <i>1</i> 06			
Arsenic 1.07 0.045 - 1.11 96.4 80-120 Barium 1.03 0.025 - 1.11 92.8 80-120 Cadmium 1.08 0.025 - 1.11 97.3 80-120 Chromium 0.989 0.025 - 1.11 89.1 80-120 Lead 1.02 0.075 - 1.11 91.9 80-120 Selenium 1.08 0.095 - 1.11 97.3 80-120 Matrix Spike (AL62210-MS1) Source: 6L21006-02 Prepared & Analyzed: 12/22/06 Silver 1.12 0.025 mg/L 1.11 0.0009 101 75-125 Arsenic 1.49 0.045 - 1.11 0.340 104 75-125 Barium 1.43 0.025 - 1.11 0.250 106 75-125 Cadmium 1.15 0.025 - 1.11 0.00065 104 73-125 Cadmium 1.09 0.025 - 1.11 ND 98.2 75-125 Chromium 1.09 0.025 - 1.11 ND 98.2 75-125 Lead 1.12 0.075 - 1.11 ND 98.2 75-125 Lead 1.12 0.075 - 1.11 ND 98.2 75-125	1.06	0.025	mg/L							
Barium	1.07	0.045								
Cadmium 1.08 0.025 1.11 97.3 80-120 Chromium 0.989 0.025 1.11 89.1 80-120 Lead 1.02 0.075 1.11 91.9 80-120 Selenium 1.08 0.095 1.11 97.3 80-120 Matrix Spike (AL62210-MS1) Source: 6L21006-02 Prepared & Analyzed: 12/22/06 Silver 1.12 0.025 mg/L 1.11 0.0009 101 75-125 Arsenic 1.49 0.045 " 1.11 0.340 104 75-125 Barium 1.43 0.025 " 1.11 0.250 106 75-125 Cadmium 1.15 0.025 " 1.11 0.00065 104 75-125 Chromium 1.09 0.025 " 1.11 ND 98.2 75-125 Lead 1.12 0.075 " 1.11 0.010 100 75-125	1.03	0.025	•							
Chromium 0.989 0.025 1.11 89.1 80-120 Lead 1.02 0.075 1.11 91.9 80-120 Selenium 1.08 0.095 1.11 97.3 80-120 Matrix Spike (AL62210-MS1) Source: 6L21006-02 Prepared & Analyzed: 12/22/06 12/22/06 Silver 1.12 0.025 mg/L 1.11 0.0009 101 75-125 Arsenic 1.49 0.045 " 1.11 0.340 104 75-125 Barium 1.43 0.025 " 1.11 0.250 106 75-125 Cadmium 1.15 0.025 " 1.11 0.00065 104 75-125 Chromium 1.09 0.025 " 1.11 ND 98.2 75-125 Lead 1.12 0.075 " 1.11 0.010 100 75-125	1.08	0.025	•							
Lead 1.02 0.075 1.11 91.9 80-120	0.989		-							
Source: 6L21006-02 Prepared & Analyzed: 12/22/06	1.02		•							
Matrix Spike (AL62210-MS1) Source: 6L21006-02 Prepared & Analyzed: 12/22/06 Silver 1.12 0.025 mg/L 1.11 0.0009 101 75-125 Arsenic 1.49 0.045 " 1.11 0.340 104 75-125 Barium 1.43 0.025 " 1.11 0.250 106 75-125 Cadmium 1.15 0.025 " 1.11 0.0005 104 75-125 Chromium 1.09 0.025 " 1.11 ND 98.2 75-125 Lead 1.12 0.075 " 1.11 0.010 100 75-125	1.08		•							
Silver 1.12 0.025 mg/L 1.11 0.0009 101 75-125 Arsenic 1.49 0.045 " 1.11 0.340 104 75-125 Sarium 1.43 0.025 " 1.11 0.250 106 75-125 Cadmium 1.15 0.025 " 1.11 0.0005 104 75-125 Chromium 1.09 0.025 " 1.11 ND 98.2 75-125 Lead 1.12 0.075 " 1.11 0.010 100 75-125	Sour	ce: 61.2 1006	-02	Prepared	& Anoh-	79d- 12/2				
Arsenic 1.49 0.045 " 1.11 0.340 104 75-125 Sarium 1.43 0.025 " 1.11 0.250 106 75-125 Cadmium 1.15 0.025 " 1.11 0.0005 104 75-125 Chromium 1.09 0.025 " 1.11 ND 98.2 75-125 Lead 1.12 0.075 " 1.11 0.010 100 75-125					·					
Starium 1.43 0.025 " 1.11 0.250 106 75-125 Cadmium 1.15 0.025 " 1.11 0.00005 104 75-125 Chromium 1.09 0.025 " 1.11 ND 98.2 75-125 cad 1.12 0.075 " 1.11 0.010 100 75-125										
Cadmium 1.15 0.025 " 1.11 0.0005 104 75-125 Chromium 1.09 0.025 " 1.11 ND 98.2 75-125 Lead 1.12 0.075 " 1.11 0.010 100 75-125			-							
Thromium 1.09 0.025 " 1.11 ND 98.2 75-125 cad 1.12 0.075 " 1.11 0.010 100 75-125						•	•		· .	
.ead 1.12 0.075 " 1.11 0.010 100 75-125		•	•					.*		
1.12 0.010 100 75-125										
clenium 124 0.005 ***			-							
Enium		ND 1.26 1.36 1.33 1.31 1.23 1.28 1.46 1.06 1.07 1.03 1.08 0.989 1.02 1.08 Sourd 1.12 1.49 1.43 1.15 1.09	ND 0.025 ND 0.045 ND 0.025 ND 0.025 ND 0.025 ND 0.095 ND 0.095 1.26 0.025 1.36 0.045 1.33 0.025 1.31 0.025 1.23 0.025 1.24 0.075 1.46 0.095 1.06 0.025 1.07 0.045 1.03 0.025 1.08 0.025 1.08 0.025 1.09 0.025 1.09 0.025 1.12 0.095	ND	Result Limit Units Level	Prepared & Analy	Prepared & Analyzed: 12/2 ND	Prepared & Analyzed: 12/22/06	Prepared & Analyzed: 12/22/06 ND 0.025 mg/L ND 0.025 ND 0.025 ND 0.025 ND 0.025 ND 0.095 ND 0.095 ND 0.095 ND 0.095 ND 0.095 ND 0.025 ND 0.095 ND 0.025 ND 0.095 ND 0.025 ND 0.095 ND 0.025 ND 0.095 ND 0.005 ND ND 0.005 ND ND ND ND ND ND ND N	Prepared & Analyzed: 12/22/06

Sevenson/G-Jobs

2749 Lockport Road Niagara Falls NY, 14305 Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Metals by 6000/7000 Series Methods - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62210 - EPA 3015 Leachate						•				
Matrix Spike Dup (AL62210-MSD1)	Sou	rce: 6L21006	-02	Prepared	& Analyz	ed: 12/2:	2/06			
Silver	1.11	0.025	mg/L	1.11	0.0009	99.9	75-125	0,897	25	
Arsenic	1.53	0.045	•	1.11	0.340	107	75-125	2.65	25	
Barium	1.43	0.025	•	1.11	0.250	106	75-125	0.00	25	
Cadmium	1.15	0.025	•	1.11	0.00005	104	75-125	0.00	25	
Chromium	1.09	0.025		1.11	ND	98.2	75-125	0.00	25	
Lead	1.14	0.075	•	1.11	0.010	102	75-125	1.77	25	
Selenium	1.26	0.095		1.11	ND	114	75-125	1.60	25	
Batch AL62707 - EPA 7470A Leachai	te		-	Prenared	& Angles		7/06			
Batch AL62707 - EPA 7470A Leachat Blank (AL62707-BLK1) Mercury	ND	0.001	mg/L	Prepared	& Analyz	ed: 12/2	7/06			
Blank (AL62707-BLK1)	-	0.001	mg/L					•		
Blank (AL62707-BLK1) Mercury	-	0.001	mg/L		& Analyz					
Blank (AL62707-BLK1) Mercury LCS (AL62707-BS1)	ND	<u> </u>		Prepared	& Analyz	ed: 12/2	7/0 6 80-120			
Blank (AL62707-BLK1) Mercury LCS (AL62707-BS1) Mercury	ND	<u> </u>		Prepared 0.00333	& Analyz	ed: 12/2:	7/0 6 80-120			
Blank (AL62707-BLK1) Mercury LCS (AL62707-BS1) Mercury LCS (AL62707-BS2)	ND 0.00341 0.00351	0.001	mg/L mg/L	Prepared 0.00333 Prepared 0.00333	& Analyz	ed: 12/2: 102 ed: 12/2: 105	7/06 80-120 7/06 80-120			
Blank (AL62707-BLK1) Mercury LCS (AL62707-BS1) Mercury LCS (AL62707-BS2) Mercury	ND 0.00341 0.00351	0.001	mg/L mg/L	Prepared 0.00333 Prepared 0.00333	& Analyz	ed: 12/2: 102 ed: 12/2: 105	7/06 80-120 7/06 80-120			
Blank (AL62707-BLK1) Mercury LCS (AL62707-BS1) Mercury LCS (AL62707-BS2) Mercury Matrix Spike (AL62707-MS1)	0.00341 0.00351 Sour	0.001 0.001 rce: 6L20009	mg/L mg/L -04 mg/L	Prepared 0.00333 Prepared 0.00333 Prepared 0.00333	& Analyz	ed: 12/21 102 ed: 12/21 105 ed: 12/21	7/06 80-120 7/06 80-120 7/06 75-125			

Project: Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238
Project Manager Sam Tavelaris

Reported: 01/09/07 13:44

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62118 - EPA 3550B										110163
Blank (AL62118-BLK1)				Prenared	& Analyz	zed: 12/21	Inc	·		
Aroclor 1016	ND	3.30	ug/kg we		oc Analys	20. 12/2	1/06			
Aroclor 1221	ND	3.30	*	•						
Aroclor 1232	ND	3.30	•							
Aroclor 1242	ND	3.30				•				
Aroclor 1248	ND	3.30								
Aroclor 1254	ND	3.30	•							
Aroclor 1260	ND	3.30								
Surrogate: Tetrachioro-meta-xylene		3.30								
Surrogate: Decachlorobiphenyl	18.6		•	16.7		111	61-140			
	16.8		•	16.7		101	56-136			
CS (AL62118-BS1)				Prepared						
Aroclor 1016	43.6	3.30	ug/kg wet	-	& Analyz			<u> </u>		
Aroclor 1260	38.8	3.30	mR\rR Act			131	75-148			
arrogate: Tetrachloro-meta-xylene	 		·	33.3		117	62-142			
urrogate: Decachlorobiphenyl	19.4		, •	16.7		116	61-140			
- ·	17.6		•	16.7		105	56-136	• •		•
Matrix Spike (AL62118-MS2)	Source	: 6L15006	-OIRE1	Prepared:	12/21/06	A	1 10000		•	
roclor 1016	251	33.0	ng/kg dry	38.7	0.00	Analyze		<i>-</i>		
roclor 1260	469	33.0		38.7		649	69-126			QM-
nrrogate: Tetrachloro-meta-xylene				36./	0.00	NR	62-152			QM-4
progate: Decachlorobiphenyl	26.3		•	19.4		136	61-140			
	23.9		•	19.4		123	56-136			
latrix Spike Dup (AL62118-MSD2)	Source	: 6L15006	AIDE1	Dannen J.	100100					
roctor 1016	255			Prepared:	12/21/06		t: 12/22/0	6		
roclor 1260	455	33.0	ng/kg dry	38.7	0.00	659	69-126	1.58	30	QM-0
remonte. Tetrachian meta mil		33.0		38.7	0.00	NR	62-152	3.03	30	QM-0
progate: Tetrachloro-meta-xylene	26.9			19.4		139	61-140			
rrogate: Decachlorobiphenyl	23.3			19.4		120	56-136			

Project Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Résult	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62704 - EPA 1311/ZHE									·	
Blank (AL62704-BLK1)				Prepared	& Analyze	d: 12/2	7/06			
vinyl chloride	ND	10	ug/l					 -		
1,1-dichloroethene	ND	10	•							
2-butanone	ND	100								
chloroform	ND	10	•							
carbon tetrachloride	ND .	10	•							
benzene	ND	10	•							
1,2-dichloroethane	ND	10	•							
trichloroethene	ND	10	•							
tetrachloroethene	ND	10	•							
chlorobenzene	ND	10	•							,
1,4-dichlorobenzene	ND	10	•				-			1
Surrogate: Dibromoftuoromethane	28.6		ng/ml	30.0		95.3	75-125			
Surrogate: 1,2-Dichloroethane-d4	29.6		•	30.0		98.7	66-128			
Surrogate: Toluene-d8	28.1		•	30.0		93,7	81-118			
Surrogate: Bromofluorobenzene	28.2	• • • • • • • • • • • • • • • • • • • •	· · · ·	30.0	**	94.0	85-123			
LCS (AL62704-BS1)				Prepared	& Analyzed	h 12/27	106			
vinyl chloride	147	10	ug/l	200		73,5	57-127			
1,1-dichloroethene	175	10	•	- 200		87.5	70-123			
2-butanone	246	100	•	200		123	66-156			
chloroform	187 ,.	10	•	200		93.5	71-130			
carbon tetrachloride	185	10		200		92.5	70-125			
benzene	184	10	•	200		92.0	78-119			
1,2-dichloroethane	194	10	•	200		97.0	75-125			
trichloroethene	184	10	•	200		92.0	78-118			
ietrachloroethene	192	10	•	200		96.0	71-119			
chlorobenzene	186	10	•	200		93.0	71-119 81-115			
1,4-dichlorobenzene	191	10	•	200		95.5	75-120			
Surrogate: Dibromoflyoromethane	29.4		ng/ml	30.0		98.0	75-125			
Surrogate: 1,2-Dichloroethane-d4	28.3			30.0		94.3	66-128	•	•	
		* *			· ·	- 7.3	-00-120	-		
Surrogaie: Toluene-d8	28.4		`•	30.0		94.7	81-118		•	•

Project: Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

RPD

%REC

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control

Waste Stream Technology Inc.

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch AL62704 - EPA 1311/ZHE										
Matrix Spike (AL62704-MS1)	Source	: 6L22008	i-01	Prepared	& Analyz	zed: 12/27	7/06		•	
vinyl chloride	153	10	ug/l	200	0	76.5	54-125			
1,1-dichloroethene	172	· 10	•	200	0	86.0	70-123	•		
2-butanone	226	100	•	200	0	113	59-177			
chloroform	193	10	•	200	0	96.5	71-124			
carbon tetrachloride	181	10	•	200	0	90.5	67-114			
benzene	186	10	•	200	0	93.0	81-114			
1,2-dichloroethane	192	10	•	200	0	96.0	74-123			
trichloroethene	201	10	•	200	16	92.5	73-119			
tetrachloroethene	192	10	•	200	0	96.0	72-116			
chlorobenzene	192	10	•	200	0	96.0	81-113			
1,4-dichlorobenzene	184	10	•	200	0	92.0	77-115			
Surrogate: Dibromofluoromethane	29.0		ng/ml	30.0		96.7	75-125			
Surrogate: 1,2-Dichloroethane-d4	29.5		. •	30.0		98.3	66-128			
Surrogate: Toluene-d8	29.1	•	•.	30.0		97.0	81-118			
Surrogate: Bromofluorobenzene	27.2	•	. •	30.0		90.7	85-123			

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Pesticides by EPA Method 1311/8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62220 - EPA 3510C Le	achate									
Blank (AL62220-BLK1)		•		Prepared	& Analyz	ed: 12/2	2/06			
Gamma-BHC (Lindane)	ND	0.040	ug/l							
Heptachlor	ND	0.040	•							
Heptachlor Epoxide	ND	0.040	•							
Endrin	ND	0,040	•							
Methoxychlor	ND	0.040								
Chlordane	ND	0,800	-							
Coxephene	ND	0.040	•							
Surrogate: Tetrachloro-meta-xylene	1.80	·	•	2.00		90.0	55-135			
urrogate: Decachlorobiphenyl	1.77		•	2.00		88.5	58-130			
.CS (AL62220-BS1)				Prepared a	& Analyza	at 1 <i>2/</i> 22	ms			
iamma-BHC (Lindane)	0.958	0.040	ug/l	1.20		79.8	72-128			
leptachlor	1.01	0.040		1.20		84.2	78-130			
ieptachlor Epoxide	0.953	0.040	•	1.20		79.4	68-128			
indrin	1.02	0.040		1.20	•	85.0	73-143			•
lethoxychlor	1.31	0.040	*	1.20	•	109	73-136	•		
urrogate: Tetrachloro-meta-xylene	1.69			2.00		84.5	55-135			
urrogate: Decachlorobiphenyl	1.63		•	2.00		81.5	58-130			
.CS Dup (AL62220-BSD1)				Prepared &	& Analyze	xi: 12/22	/06			
amma-BHC (Lindane)	0.991	0.040	ug/I	1.20		82.6	72-128	3.39	25	
eptachlor	1.04	0.040	*	1.20		86.7	78-130	2.93	25 25	
eptachlor Epoxide	0.972	0.040	•	1.20		81.0	68-128	2.93 1.97		
ndrin	1.05	0.040	•	1.20		87.5	73-143	2.90	25	
lethoxychlor	1.44	0.040	•	1.20		120	73-143 73-136	2.90 9.45	25 25	
urrogate: Tetrachloro-meta-xylene	1.72		-	2.00		86.0	55-135			
urrogate: Decachlorobiphenyl	1.66		•	2.00		83.0	55-135 58-130	•		

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Herbicides by EPA Method 1311/8151A - Quality Control Waste Stream Technology Inc.

										·=
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD -	RPD Limit	Notes
Batch AL62609 - EPA 3510C Leachate										
Blank (AL62609-BLK1)			•	Prepared:	12/26/06	Analyzed	l: 12/27/0	<u> </u>		
2,4-D	ND	20.0	ug/l					<u> </u>		
2,4,5-TP (Silvex)	ND	20.0	•							
Surrogate: 2,4DCPAA	340	· · · · · · · · · · · · · · · · · · ·	-	400		85.0	24-146		<u> </u>	
LCS (AL62609-BS1)				Prepared:	12/26/06	Analyzed	l: 12/27/0	6		
2,4-D	373	20.0	ug/l	400		93.2	57-151	<u> </u>		
2,4,5-TP (Silvex)	371	20.0	•	400		92.8	70-144			
Surrogate: 2,4-DCPAA	366		•	400		91.5	24-146			

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control Waste Stream Technology Inc.

·Analyte	Result	Reporting Limit	Units	Spike Level		Source Result %	REC	%REC Limits	nne.	RPD	
	· · · · · · · · · · · · · · · · · · ·		Oille	Level		Kesut 7	REC		RPD	Limit	Notes
Batch AL62219 - EPA 3510C Leac	hate							:			
Blank (AL62219-BLK1)	<u> </u>	<u> </u>		Prepared	&	Analyzed:	12/22	2/06	· ,		
yyidine	ND	8	ug/l								1
,4-dichlorobenzene	ND	8	*								Ţ
fotal cresols (o,m & p)	ND	24	•								1
exachloroethane	ND	8	•								1
itrobenzene	ND	8	-								1
exachlorobutadiene	ND	8	•								1
2,4,6-trichlorophenol	ND	16	•								1
L4,5-trichlorophenol	ND	8	•								Ţ
2,4-dinitrotoluene	ND	8	•								1
exachlorobenzene	ND	8	•								1
entschlorophenol	ND	16	•								1
Surrogate: 2-Fluorophenol	372	· · · · · ·	-	800			16.5	22-57			
Surrogate: Phenol-d6	226		-	800			28.2	15-38			
urrogate: Nitrobenzene-d5	373		•	400			93.2	45-106	٠.		•
urrogate: 2-Fluorobiphenyl	382		•	100			95.5	45-105			•
urrogate: 2,4,6-Tribromophenol	873		•	800			109	45-119			
urrogate: Terphenyl-dl4	463		*	400			116	31-127			
CS (AL62219-BS1)				Prepared	&	Analyzed:	12/22	2/06			
yridine	54.8	8	ug/l	200			27.4	7-52			
,4-dichlorobenzene	116	8	•	200		9	58.0	46-95			
otal cresols (o,m & p)	180	24	•	400		4	15.0	37-76			
exachloroethane	123	8	•	200			51.5	44-101			
itrobenzene	131	8	•	200	•		55.5	61-93			
exachlorobutadiene	128	8	•	200			54.0	51-114			
,4,6-trichlorophenol	144	16	-	200			72.0	62-101			
,4,5-trichlorophenol	142	8		200		•	71.0	59-105			
4-dinitrotoluene	152	8		200			76.0	72-113			
exachlorobenzene .	152	8	•.	200			76.0	- 67-127			_
entachlorophenol	174	16	•	200		•	7.0	59-132			, i
urrogate: 2-Fluorophenol	321			800	-		10.1	22-57	<u>`</u>		
urrogate: Phenol-d6	209		-	800			26.1	15-38			
urrogate: Enemoi-ao						-		10-00			
urrogate: Frienci-ao urrogate: Nitrobenzene-d5	346			400		2	65.	45-106			
•	346			400 400			6.5 ·	45-106 45-105			
urrogate: Nitrobenzene-d5	•		*	400 400 800		9	16.5 · 18.2 117	45-106 45-105 45-119			

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Sevenson/G-Jobs

2749 Lockport Road Niagara Falls NY, 14305 Project: Cornell-Dubilier Electronics

Project Number, Cornell-Dubilier Electronics G-238
Project Manager, Sam Tavelaris

Reported: 01/09/07 13:44

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control
Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62219 - EPA 3510C Leachate										11000
LCS Dup (AL62219-BSD1)				Prepared	& Analyz	zed: 12/2:	2/06			
pyridine	67.5	8	ug/l	200	y	33.8	7-52	20.8	30	
1,4-dichlorobenzene	143	8	•	200		71.5	46-95	20.8		
lotal cresols (o,m & p)	217	24	•	400		71.3 54.2	40-93 37-76		30	
nexachloroethane	150	8		200		75.0	44-101	18.6	30	
itrobenzene	159	8		200			·	19.8	30	
nexachlorobutadiene	155	8		200		79.5	61-93	19.3	30	
4,6-trichlorophenol	151	16		200		77.5	51-114	19.1	30	
4,5-trichlorophenol	144	8		200		75.5	62-101	4.75	30	
.4-dinitrotoluene	158	٠	-			72.0	59-105	1.40	30	
exachlorobenzene	155	8		200		79.0	72-113	3.87	30	
entschlorophenol	172	•		200		77.5	67-127	1.95	30	
		16		200		86.0	59-132	1.16	30	
surrogate: 2-Fluorophenol	300		•	800		37.5	22-57			
aurrogate: Phenol-d6	192		-	800		24.0	15-38			
urrogate: Nitrobenzene-d5	309 ·			400		77.2	45-106			
urrogate: 2-Fluorobiphenyl	317		*	400		79. 2	45-105	1.5		•
urrogaie: 2,4,6-Tribromophenol	691		-	800		86.4	45-119			
urrogate: Terphenyl-d14	347		•	400		86.8	31-127			

Project: Cornell-Dubilier Electronics

Project Number.Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL61929 - General Preparation										
Blank (AL61929-BLK1)				Prepared:	12/15/06	Analyze	d: 12/19/0	6		
Reactive Sulfide	ND	40.0	mg/kg					<u> </u>		
LCS (AL61929-BS1)				Prepared:	12/15/06	Analyze	d: 12/19/0	6		
Reactive Sulfide	409	40.0	mg/kg	505		81.0	66-109			
Batch AL61930 - General Preparation										
Blank (AL61930-BLK1)				Prepared:	12/15/06	Analyze	d: 12/19/0	6		-
Reactive Cyanide	ND	40.0	mg/kg	<u>.</u>					· · · · · · · · · · · · · · · · · · ·	
LCS (AL61930-BS1)				Prepared:	12/15/06	Analyze	d: 12/19/0	6		
Reactive Cyanide	79.1	40.0	mg/kg	849		9.32	7-12	,		
Batch AL62712 - General Preparation										
LCS (AL62712-BS1)				Prepared:	12/26/06	Analyze	d: 12/27/0	6		·
Ignitability by Flashpoint	82		deg F	81.0		101	80-120			

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 13:44

Notes and Definitions

U Analyte included in the analysis, but not detected

S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

G denotes analyte recovery is greater than the upper quality control limit.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

WORK ORDER

No. 9490 Printed: 12/20/2006 12:29:39PM

6L20009

Waste Stream Technology Inc.

ient: Sevenson/G-Jobs Project Manager: Dan Vollmer roject: Cornell-Dubilier Electronics Project Number: Cornell-Dubilier Electronics G-238 Invoice To: Report To: Sevenson/G-Jobs Sevenson/G-Jobs Sam Tavelaris Al LaGreca 2749 Lockport Road 2749 Lockport Road Niagara Falls, NY 14305 Niagara Falls, NY 14305 Phone: (716) 609-1775 Phone: (716) 284-0431 Fax: (716) 285-4201 Fax: (716) 284-1796 Date Due: Date Received: 12/28/06 15:00 (5 day TAT) 12/20/06 12:00 Received By: Kevin Burke . Date Logged In: 12/20/06 12:22 Logged In By: Kevin Burke Tracking No.: 1Z 103 1AX 22 1005 B052 Shipped By: Samples Received at: 3°C UPS Sample container received broken
Sample label incomplete/did not match COC Temp > 6.0 Also fex report to Ken Paisley, SES NF Preserved sample volume pH out of rat Number of containers did not match CC No No Geiger counter detected radioactivity No Cynnide interference check positive No attempt made to thermally preserve sampl No Ables present in YOA container No COC not signed/filled out properly/scaled & | No tody scals not present/intect/sig No Comments Dine Expires 61.20009-01 G238-Off Tank-Solids-1-121906 [Solid] Sampled 12/19/06 12:50 stern CLP ZHE Extraction 12/28/06 12:00 01/02/07 12:50 **8260 TCLP** 12/28/06 12:00 01/02/07 12:50 6L20009-02 G238-Oil Tank-Solids-2-121906 [Solid] Sampled 12/19/06 12:55 Eastern 01/02/07 12:55 **8260 TCLP** 12/28/06 12:00 5 **TCLP ZHB Extraction** 12/28/06 12:00 5 01/02/07 12:55 6L20009-03 G238-Oil Tank-Solids-3-121906 [Solid] Sampled 12/19/06 13:05 **Eastern PCBs by 8082** 12/28/06 12:00 01/02/07 13:05 12/28/06 12:00 5 06/17/07 13:05 Solids, Dry Weight 6L20009-04 G238-Oil Tank-Solids-4-121906 [Solid] Sampled 12/19/06 13:15 Eastern Full TCLP + RCRA Char 12/28/06 12:00 12/29/06 13:15 TCLP ZHE Extraction 12/28/06 12:00 01/02/07 13:15 12/28/06 12:00 01/02/07 13:15 **TCLP Extraction 1311** pH Check: Requested analyses of work order have been eviewed and approved By Gunha

Review 2 By

Page 1 of 2

Jan. 9. 2007 2:04PM

WORK ORDER

No. 9490 P. 3 Printed: 12/20/2000 12:29:39PM

6L20009

Waste Stream Technology Inc.

lient: Sevenson/G-Jobs

roject: Cornell-Dubilier Electronics

Project Manager:

Dan Vollmer

Project Number:

Cornell-Dubilier Electronics G-238

Analysis groups included in this work order

Full TCLP + RCRA Char

Reactive Sulfide Ignitability-1010 Reactive Cyanide

Hg TCLP CVAA
8081 TCLP Pesticides

pH soil 9045 8270 TCLP Metals RCRA TCLP ICP

8260 TCLP

·

8151 TCLP Herbicides

Requested analyses of work order have been seviewed and approved By

M Buch

Review I By

12/20/06 Date 12/20/06

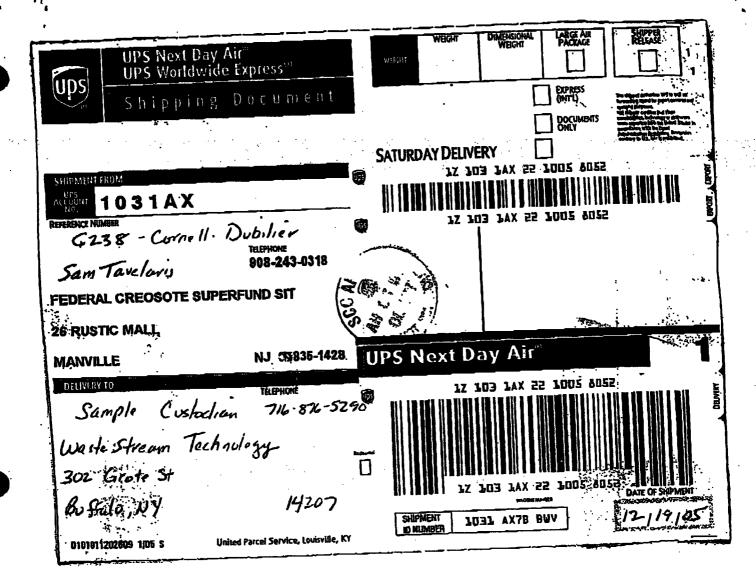
Review 2 I

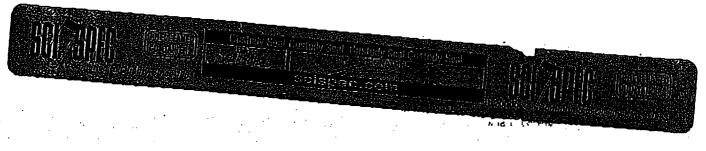
Page 2 of 2

. 1.

Army Corp. of Engineers Sample Receipt Form

IM9 /	No. of Coolers	
ARD Cooler #	Contract Cooler B	L/WH
ROJECT: SES Connell-Dubilier	Date Received: 12	2/20/06
USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CON	CERNING CHECK-IN PROB	LEMS.
A. PRELIMINARY EXAMINATION PHASE: Date cooler was opened:	(print); Ker	in Burko
UPS		NO NO
1. Did cooler come with shipping slip (eirbill eqt): If yes enter cerrier name & airbill number here.	AK 27 1005 40	952_ NO
2. Were custody seals on outside of cooler?	Backers	NO
3. Were custody seals unbroken and intact at the date and time of arrival?	YES) по
4. Did you screen samples for radioactivity using a Galger counter?	YES	МО
5. Were custody pepera sealed in a plastic beg & taped inside to the lid?	YES	Ом
5. Were custody papers (Illed out properly (ink, eigned, ect)?	YES) no
7. Did you sign the custody papers in the appropriate places?	YES	Ои
8. Was project identifiable from the oustody forms? If YES, enter project name at the top of this form.	YES	, NO
9. Il required, was enough ice used? Type: Bagged Tee	200	NO
10. Have designated person initial here to acknowledge receipt of cooler:	7	(date) / LOO
B. LOG-IN PHASE: Date/samples were logged-in: by (sign): 1/20/06	(print): Ker	in Burke
11. Describe type of packing in cooler: Bubble Way		
12. Were all hottles sealed in separate plastic bags?	YES	Ои
13. Did all bottles arrive unbroken and were labels in good condition?	YES) ио
14. Were all lebels complete(ID, date, time, signature, preservation)?	YES) NO
15. Did oil bottle labels agree with custody papers?	YES) NO
16. Were correct containers used for the tests indicated?	YES) по
17. Were correct preservatives added to samples?	YES) no
18. Was a sufficient amount of sample sent for tests indicated?	YES	ON NO
19. Were bubbles absent in VOA semples? If NO, list by sample #:	YES	, NO
\mathcal{N}/\mathcal{O}	YES	NO
20. Was the project manager called and status discussed? If YES, give datails on the back of this form.	— —	
21. Who was called?	Date:	
		WASTESTRE







	Š	CHAIN OF CU		7.	Wast				y .>	c.		QRO	CE US UP#	E CHIL	2	00	0	9_		_ or/_
	2	the Princes us	07000] ;	716) 87	70-629	901, B	X (776)	876-64 876-64 070-84	12				TUR		UND 71			ARE BANGAL DE RESUMED: YES A Fyou passes stage	1790 Michiel (Lagra 20 In Magainmaria
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÷. •	PRO	ETE - Cornell D. L. ACT DESCRIPTION FREN STREAM	~	Delig ga.		Sales Sales		THE CONTRACT	1 186.5	7.83 W			Sank.							Section 1
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DATA EVALUATION CHECKLIST

TANK SIDEWAN Solios

Project Name/Sevenson Job Number: Cornell-D	hrhiliar/C220					
Laboratory: waste Stream Technology Inc	doniei/G238				_	
Laboratory Report Number: 6L22008					_	
Laboratory Sample IDs: 6L22008-01			<u>:</u> _		_	
Sample Collection Date(s): 12/21/06						
Sample Type/Matrix: Oil Tenk Well/Warte Change	Cterization				_	
Analyses Performed: RCRA Characteristics Full	TOT D DOD.				-	
Reviewed By: JAS Date Initiated: 01/09/07	Date	Completed:	01/0	9/07	-	
ATTACHMENTS: X Sample II) Table	••			-	• ;
		eficiency Not	ification (T	NATEA		
Sample/A	nalysis Irregul	arity Form	INCOUNT (D	Mr)		
RPD Sum	mary Table					
PEDODE CONTENTED TO A 11				•	•	
REPORT CONTENTS: The following items should be the items are missing, contact the laboratory to obtain the	included in the	ne complete la	boratory an	alytical data	report If:	my of
the items are missing, contact the laboratory to obtain the	TO THE THE	us.				my OI
	P. 1. (15)	MESTRE	5.00		ROWELLEN.	
Field sample identifiers and corresponding laboratory ID numbers			- SPP (6)	VIII TO		
(also prepare a table that matches field sample IDs. Jahomton.	*	1	·			
ILAS, finsate blanks, trip blanks, duplicate samples, laboratory OC	{	ł		ł		[
samples, and QA laboratory split samples) Case narrative		ľ				- 1
Chain-of-custody form(s)	✓					
Laboratory Sample Receipt Checklist and USACE Cooler Receipt						
Form	✓					
Shipping papers and custody seals						
Data Qualifier Sheet that defines the data qualifiers used by the		 				
aboratory to report the analytical results		1 1				
Summary of methodologies, receipt dates, analysis dates, etc.	1					

DETAILED ASSESSMENT AND VALIDATION: Complete the assessment and validation for each laboratory data report by checking the appropriate column (yes "Y", no "N", or not applicable "NA"). If the answer to any of the questions is "no", an explanation of the non-compliance/deficiency and associated corrective action should be included in the case narrative and on a Laboratory/Analytical Deficiency Notification Form (DNF). If a DNF is available, attach to the Data

	7. 7.			
Was the chain-of-custody form properly completed and signed by the field personnel when relinquished and by the laboratory when received?	O.V.			
Was the chain-of-custody form free of errors and discrepancies?	17	+	+	
	THE STATE OF			
present and properly signed?	1		and the second	
Do the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms indicate that the samples were received within proper temperature and in good condition?	1			
Were samples that required preservation properly preserved?	 	 	 _	
	Vietna e		Season Season	
were all cham-of-custody-requested analyses performed?		MEDIL		
Are analytical results reports present for all samples and for all analysis?	 			
Do the result reports for each analytical parameter for each comple the state of	 	 		
required site-specific compounds or metals as specified in the QAPP?	*			
World Division of the Control of the	STAR		1. 1110	
Were extraction (when applicable) and analysis holding times for sample met?	V			
WE WOODS IN	Sign		1.073	
Does the report contain method blank results for each analytical parameter performed?	1		an more free state	
Were the method blanks free of target compounds?				
Were the site samples free of compounds detected in the method blank?	 	-		TCLP Barium - 0.062mg/L
if the site samples were not free of compounds detected in the method blank, did	_	/		
he laboratory flag the site samples with a "B" qualifier?	✓			A "U" qualifier was assigned to the TCLP barium result in sample 6L22008-01.

If the report contains results for aqueous volatile organic samples, does the report contain trip blank results? If the report contains results for samples collected using non-dedicated equipment, does the report contain rinsate blank results? Were the site samples free of compounds detected in the trip and/or rinsate blank? Does the report contain the results of LCS analyses with the corresponding control limits reported? Are the recoveries from the LCS analyses within the corresponding control limits? If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.) Does the report contain a field replicate sample? Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table. Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate control terachoro-meta-xylene decachlorobiphenyl were sample 6.1.22008-01. PCBs: The surrogate compound recoveries within the control limits?	United Parks
If the report contains results for samples collected using non-dedicated equipment, does the report contain rinsate blank results? Were the site samples free of compounds detected in the trip and/or rinsate blank? Does the report contain the results of LCS analyses with the corresponding control limits reported? Are the recoveries from the LCS analyses within the corresponding control limits? If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.) The individual CNF control (Also, attach the replicate sample? Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table. Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate conternative decachlorobiphenyl were sample 61.22008-01. Pesticides: The recovery decachlorobiphenyl was sample 61.22008-01.	· .
blank? Does the report contain the results of LCS analyses with the corresponding control limits reported? Are the recoveries from the LCS analyses within the corresponding control limits? The LCS/LCSD RPD for was greater than the QC limits. The sample DNF, is available.) The individual LCS recoveries the applicable DNF, is available.) Does the report contain a field replicate sample? Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table. Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate content-xylene decachlorobiphenyl were sample 61.22008-01. Pesticides: The recovery decachlorobiphenyl was sample 61.22008-01.	
Does the report contain the results of LCS analyses with the corresponding control limits reported? Are the recoveries from the LCS analyses within the corresponding control limits? If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.) Does the report contain a field replicate sample? Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table. Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate corresponding control limits reported? PCBs: The surrogate corresponding control limits reported? PCBs: The recovery decachlorobiphenyl was sample 61.22008-01.	
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If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.) Does the report contain a field replicate sample? Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table. Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. SIGRICE For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate contectachlorobiphenyl were sample 61.22008-01. Pesticides: The recovery decachlorobiphenyl was	
(Also, attach the applicable DNF, is available.) The individual LCS rectite QC limits. The same assigned "J" qualifiers of the QC limits. The same assigned "J" qualifiers of the QC limits. The same assigned "J" qualifiers of the RPD Summary Table. Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. SIBREGIA BUSINESS For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate compound decachlorobiphenyl were sample 61.22008-01. Pesticides: The recovery decachlorobiphenyl was	TCLP pyridine limits.
Does the report contain a field replicate sample? Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table. Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate content decachlorobiphenyl were sample 61.22008-01. Pesticides: The recovery decachlorobiphenyl was	veries were within
Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table. Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate context tetrachloro-meta-xylene decachlorobiphenyl were sample 61.22008-01. Pesticides: The recovery decachlorobiphenyl was	ning data review.
Are the field duplicate sample results in agreement based on the acceptance criteria included in CENWK-EC-EF. SIGREGIA SIGNESS For the applicable organic compound analyses, are the surrogate compound recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits? PCBs: The surrogate content tetrachloro-meta-xylene decachlorobiphenyl were sample 6L22008-01. Pesticides: The recovery decachlorobiphenyl was	al and the second of the secon
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tetrachloro-meta-xylene decachlorobiphenyl were sample 6L22008-01. Pesticides: The recovery decachlorobiphenyl was	
decachlorobiphenyl was	and diluted out of
If NO, does the case narrative detail the reason and the corrective action taken?	ess than the QC 01.
(Also, attach the applicable DNF, is available.)	nigh concentration
Pesticides: According to matrix interference was to cause of the low recovery were assigned to the same compounds associated with compound (i.e., endrin, matrix interference was to cause of the low recovery were assigned to the same compound (i.e., endrin, matrix interference).	ne most likely . "J" qualifiers the results for the th the surrogate
Does the report contain, for each applicable analytical parameter, the results of matrix spike sample analyses including the recoveries and corresponding control limits?	
Does the report contain, for each applicable analytical parameter, the regults of	
matrix spike duplicate and/or laboratory duplicate pairs, including the relative percent differences and corresponding control limits? Are the recoveries from the matrix spike, matrix spike duplicate, and/or	
control limits?	
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.)	
Do the analytical results reports list the sample quantitation limits for each compound?	
Are the project-required quantitation limits included in the QAPP met?	and the second in with the high health in the
If the quantitation limits are out of range, does the case narrative document the cause(s) as to why the limits are above criteria?	
For the organic analysis parameters, are the results that are greater than the MDL but below the MQL properly flagged by the laboratory with the "J" qualifier?	
For the organic parameter results that have compounds that are flagged with the "D" qualifiers, does the result report state the dilution factor that was used to obtain the result and the date on which the dilution was analyzed?	

ţ

	Data Assessment/Validation by:	Jennifer Singer Name					
• .	CQC Systems Review by:	Kenneth Paisley Name	K- bley	1/10/07			
			Signature /	Date			

Project Name/Job Number: Cornell-Dubilier/G238	
Sample Type:Tank Wall/Waste Characterization	
Sample Collection Date: 12/21/06	-
Laboratory: Waste Stream Technology, Inc.	
Laboratory Report ID/Group Number: 6L22008	. ·

SAMPLE LOCATION (FIELD ID)	LABORATORY SAMPLE ID	ASSOCIATED FIELD DUPLICATE (FIELD AND LABORATORY ID)	LABORATORY QC PERFORMED WITH SAMPLE (if any)
G238-OilTank-Wall-1-4-122106	6L22008-01		TCLP VOC MS
	6L20009-04*		TCLP Mercury MS/MSD
Indicates sample analyzed in the sa	6L26005-01*		TCLP Metals MS/MSD

^{*} Indicates sample analyzed in the same batch as samples from group number 6L22008

WASTE STREAM TECHNOLOGY, INC.

302 Gpte Steet Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 01/09/07 Work Order Number: 6L22008

Prepared For Sam Tavelaris Sevenson/G-Jobs 2749 Lockport Road Niagara Falls, NY 14305 Fax: (716) 285-4201

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/22/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel W. Vollmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





Sevenson/G-Jobs

Project: Cornell-Dubilier Electronics

2749 Lockport Road

Project Number Cornell-Dubilier Electronics G-238
Project Manager Sam Tavelaris

Reported: 01/09/07 15:05

Niagara Falls NY, 14305

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Wall-1-4-122106	6L22008-01	Soil	12/21/06 . 09:30	12/22/06 15:00

Case Narrative

This narrative pertains to one sample from the Cornell-Dubilier Electronics G-238 site, collected on December 21, 2006 and received December 22, 2006. The sample corresponds to the Waste Stream Technology Inc. work order number 6L22008 and sample ID m 6L22008-01.

1. Sample Receipt and Preservation: The sample arrived at the laboratory carefully packed in one cooler and the custody seals we on the cooler. The temperature inside the cooler was measured and found to be within acceptable limits (@ 2.3°C). All of a in the cooler arrived intact and the labels on the containers were found to be complete. The information on the sample labels the information on the chain-of-custody forms placed inside the shipping cooler.

The sample receipt checklists for this work order number are included in the Chain-of-Custody section of the final result report.

- 2. Sample Holding Times: All required holding times were met for all of the extractions and analyses performed on the sample in order number 6L22008.
- 3. Method Blank Analysis: The method blanks analyzed for each of the analytical parameters performed on the samples in work a number 6L22008 did not contain any target analytes, with the following exception:
- 3.1 Barium was detected in the metals method blank at a level of 0.062 mg/L, above the reporting level of 0.025 mg/L. Bain detected in sample 6L22008-01 and was flagged with the B qualifier.
- 4. Laboratory Control Sample (LCS) Analysis: Recoveries of the target analytes from the laboratory control samples associated with analyses of the sample from work order number 6L22008 were found to be within the control limits.
- 5. Matrix Spike and Matrix Spike Duplicate Analysis: Matrix spike and matrix spike duplicates were performed for TCLP metals it on sample number 6L26005-01 (a sample not from work order number 6L22008, but prepared and analyzed in the same it). All recoveries and RPDs for this analysis were within QC limits.

Matrix spike and matrix spike duplicates were performed for mercury analyses on sample number 6L20009-04 (a Cornell-Dubilier Electronics sample not from work order number 6L22008, but prepared and analyzed in the same analytical batch). All recovered RPDs for these analyses were within QC limits.

Matrix spike analysis was performed for TCLP volatile analysis on sample number 61.22008-01. All recoveries for this analysis within QC limits.

Laboratory control sample duplicates were analyzed for PCB, TCLP pesticide, TCLP herbicide, and semivolatile organic compound analyses. The recoveries and RPDs for these analyses were within QC limits, with the following exception:

5.1: The RPD of pyridine from the TCLP semivolatile LCS Dup AL62718-BSD1 was above QC limits and was flagged with th# qualifier.

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager Sam Tavelaris

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- 6. Surrogate Compound Recovery: The surrogate recoveries from the GC/MS analyses of the Cornell-Dubilier Electronics site samples from work order number 6L20009 and the associated quality control sample analyses were found to be within laboratory quality the limits, with the following exceptions:
- 6.1The recoveries of the surrogate compounds Tetrachloro-meta-xylene and Decachlorobiphenyl in sample 6L22008-01 for PCB analysis were not available due to sample dilution required from high analyte concentration and were flagged with the S 01 and U qu
- 6.2The recovery of the surrogate compound Decachlorobiphenyl in sample 61.22008-01 for TCLP Pesticide analysis was lower than Q limits due to a sample matrix effect and was flagged with the S-04 qualifier.
 - 7. Trip Blank Analyses: Trip blank analysis was not performed for this work order.
- 8. Laboratory Authentication Statement: I certify, to the best of my knowledge, that the information submitted in this analytical depis true, accurate and complete, and conforms to the current Sampling and Analysis Plan for the Higgins Farm Superfund Site . h
 Laboratory Director, or his designee, has authorized release of this data as verified by the report page signature .

Project: Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager Sam Tavelaris

Reported: 01/09/07 15:O5

TCLP Metals by 6000/7000 Series Methods

Waste Stream Technology Inc.

Analyte	Renult	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106	(6L22008-01) Soil	Sampled: 12/2	21/06 09:30	Rec	eived: 12/22	L/06 15:00			
Mercury	ND	0.001	mg/L	t	AL62707	12/27/06	12/27/06	EPA 7470A-TCLP	U
Silver	ND	0.025	•	5	AL62711	12/27/06	12/27/06	6010B	U
Arsenic	ND	0.045	•	-	•	.•	•	•	U
Barium	. 0.068	0.025	•	•	•	•	•	• :	В
Cadmium	ND	0.025	•	•		•	•	•	U
Chromium	ND	0.025	•	•	•	•	•		U
ead	ND	0.075	•	•	•	. •	•	•	U
Selenium	ND	0.095		•	•		•	•	U

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Project: Cornell-Dubilier Electronics

Project Number: Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

Polychlorinated Biphenyls by EPA Method 8082

Analyte		Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil	Tank-Wall-1-4-122106	(6L22008-01) Soil	Sampled: 12/	21/06 09:30	Reco	elved: 12/2	2/06 15:00			
Aroclor	1016	ND	165	ug/kg dry	50	AL62716	12/27/06	12/27/06	8082	U
Arocior	1221	ND	165	•	٠			•	,	บ
Aroclor	1232	ND	165	•		•				-
Arodor	1242	4800	165	•						U
Arocior	1248	ND	165							
Aroclor	1254	11500	165	•			•	•	-	υ
Arodor	1260	1240	165	•	•	-				
Surrogate	: Tetrachloro-meta-xylen	:	%	61-14	0	-				S-01, U
Surrogate	: Decachlorobiphenyl		%	56-13	6		•			S-01, E

Project: Cornell-Dubilier Electronics
Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

Analyte .	Result	Report Li	ing mit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L.22008-01) Soil	Sampled:	12/21	/06 09:30	Rece	ved: 12/22	2/06 15:00			
vinyl chloride	ND		10	ng/l	1	AL62704				
1,1-dichloroethene	ND		10	.		ALG2/04	12/27/06	12/27/06	8260-TCLP	
2-butanone	ND		00		-		•	•	•	
hloroform	ND	_	10		-	_	•	•	•	
arbon tetrachloride	ND		10		-		•	•	•	
enzene	ND		10	•		-	•	•	•	
,2-dichloroethane	ND		10		_	-	•	•	•	
richloroethene	16		10 10	_		•	•	•	•	
etrachloroethene	ND			•	-	•		•	•	
hlorobenzene	ND		10	•	•	•	•	•	•	
,4-dichlorobenzene	ND		10		•	•	•	-	•	
urrogate: Dibromofluoromethane	ND		10		•		•	. *		
		98.7	%	75-125	i	•		•		
urrogate: 1,2-Dichloroethane-d4		99.7	%	66-128		•		-	*	
urrogate: Toluene-d8		96.7	%	81-118		-				
urrogate: Bromofluorobenzene		90.3	%	85-123				_	_	

Project: Cornell-Dubilier Electronics
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Project Manager:Sam Tavelaris

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TCLP Pesticides by EPA Method 1311/8081A

				,	P)		••		
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L2200	98-01) Soil	Sampled: 12/21	L/06 09:30	Rece	lived: 12/2	2/06 15:00			
Gamma-BHC (Lindane)	ND	0.040						· · · · · · · · · · · · · · · · · · ·	
Heptachlor	ND	0.040	ug/l	1	AL62717	12/27/06	12/28/06	EPA 8081A	U
Heptachlor Epoxide	ND			•	*	•	•	-	"
Endrin		0.040	•	•	•	•		•	
Methoxychior	ND	0.040	•	•	.•	•			U
Chlordane	ND	0.040	•	•				_	U
	ND	0.800	•	-			-	•	U
Toxaphene	ND	0.040	•		•	_	•		บ
Surrogate: Tetrachloro-meta-xylene	·	74.5 %				`			U
Surrogate: Decachlorobiphenyl		·	55-135		•	•	•	•	
		40.5 %	58-130)	•	*		*	5.04



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Project Manager, Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Herbicides by EPA Method 1311/8151A

					B/			•	
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106	(6L22008-01) Soil	Sampled: 12/2	1/06 09:30	Rec	eived: 12/2	2/06 15:00			
2,4-D 2,4,5-TP (Silvex)	ND ND	20.0 20.0	ug/l	50	AL62804	12/28/06	12/28/06	8151	U
Surrogate: 2,4-DCPAA		87.8 %	24-14	6		-	•		<u>u</u>

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Reported; 01/09/07 15:05

Project Manager:Sam Tavelaris

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
5238-Oil Tank-Wall-1-4-122106 (6L22008-0	1) Soil	Sampled: 12/2	1/06 09:30	Rece	ived: 12/2	2/06 15:00			
yridine	ND	. 8	ug/l	1 '	AL62718				
,4-dichlorobenzene	ND	2	.		AL02/10	12/27/06	12/27/06	8270C-TCLP	. 0
otal cresols (o,m & p)	ND	24					•	•	U
exachioroethane	ND	27	•	•		-	•	•	· U
trobenzene	ND			-	-		. •	•	U
exachlorobutadiene	ND	•	•	_	-	•	•	*	U
4,6-trichlorophenol	ND	16		_	•	• .	•	•	U
4,5-trichlorophenol	ND	10	_	_	•	•	•	•	U
4-dinitrotaluene	ND	8	-	-	•	■,	•	•	U
xachlorobenzene	ND	8	_	•	•	• .	*	•	U
entachlorophenol	ND	8	_	•	•	• .	•	•	U
urrogate: 2-Fluorophenol	- ND	16			•		* .		U
rrogate: Phenol-d6		41.4 %	14-53		•	-	#		
rrogate: Prienci-ao rrogate: Nitrobenzene-d5		27.2 %	10-35	i	•		•		
		83.8 %	38-96	i	•	•	•	•	
rrogate: 2-Fluorobiphenyl		76.8 %	41-95		•	- .	•	-	
rrogate: 2,4,6-Tribromophenol	•	99.0 %	44-12-	f.			.		
urogate: Terphenyl-dl4		119 %	42-12	7	•				



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Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

Conventional Chemistry Parameters by EPA Methods

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Analyte			Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Tank-Wall-1-4-122106	(6L22008-01)	Soil	Sampled: 12/2	1/06 09:30	Rece	ived: 12/22	2/06 15:00	·		
pH % Solids			5.04 96.8	0.10 0.1	pH Units %	1	AL62722 AL62801	12/27/06 12/27/06	12/27/06 12/28/06	EPA 9045C	

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Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

Physical Parameters by APHA/ASTM/EPA Methods

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (6L2200 Ignitability by Flashpoint		Sampled: 12/21	<i>/</i> 06 09:30	Rece	ived: 12/22	2/06 15:00			
Reactive Cyanide Reactive Sulfide	>200 ND		deg F mg/kg	1	AL62720 AL61930	12/27/06 12/22/06	12/27/06 12/22/06	EPA 1010 Section 7.3.3.2	7.1
	ND	40.0	•	•	AL61929	•	12/22/06	Section 7.3.4.2	11

Project Corneil-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Metals by 6000/7000 Series Methods - Quality Control Waste Stream Technology Inc.

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Analyte	Result	Reporting Limit	11-1-	Spike		Source		%REC		RPD	
		rmit	Units	Level		Result	%REC	Limits	RPD	Limit	Notes
Batch AL62707 - EPA 7470A Leach	ate					•					
Blank (AL62707-BLK1)		•		Prenared	æ	Analyzed	. 120	704	·		
Mercury	ND	0.001	mg/L	- Tropatou		Audyzou	12/2	27/00	·	•	
LCS (AL62707-BS1)				Danson							
Mercury	0.00341	0.001	mg/L	0.00333		Analyzed	102		· 		
LCS (AL62707-BS2)			-								
Mercury	0.00351					Analyzed	12/2	7/06			
•	0.00351	0.001	mg/L	0.00333			105	80-120			
Matrix Spike (AL62707-MS1)	Source:	6L2000	9-04	Prepared	æ	Analyzed	12/2	7/06			
Mercury	0.00342	0.001	mg/L	0.00333		ND	103	75-125			
Matrix Spike Dup (AL62707-MSD1)	Source:	61.2000s	9-04	Prepared	g.	A malamada	100				
Mercury	0.00356	0.001	mg/L	0.00333	- OL	Analyzed: ND					
Batch AL62711 - EPA 3015 Leachate				0.00333		ND	107	75-125	4.01	25	
	<u> </u>	 -							٠.	<u> </u>	
Blank (AL62711-BLK1) Silver			•	Prepared	&	Analyzed:	12/27	7/06		-	,
	ND	0.025	mg/L								-
Arsenic	ND	0.045	-								
Barium	0.062	0.025	•								
Cadmium	ND	0.025	•								
Chromium	ND	0.025	•								
.ead	ND	0.075	•								
Sclenium	ND	0.095	•								
CS (AL62711-BS1)				n	_						,
ilver	1,14	0.006			æ	Analyzed:		7/06			
Arsenic ·		0.025	mg/L	1.11			103	80-120			
Sarium	1.18	0.045	•	1.11			106	80-120			
Cadminn	1.20	0.025	•	1.11			108	80-120			
Tromium	1.17	0.025	•	1.11			105 -	80-120			
end	1.07	0.025	•	1.11		9	96.4	80-120			
esu elenium	1.11	0.075	•	1.11	٠.	•	100	80-120	1.		
cicinum	1.19	0.095	•	1.11	•		107	80-120			

Project: Cornell-Dubilier Electronics
Project Number:Cornell-Dubilier Electronics G-238
Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Metals by 6000/7000 Series Methods - Quality Control Waste Stream Technology Inc.

		Reporting		Spike	Source		%REC			
Analyto	Result	Limit	Units	Level	Result	%REC	Limits	RPD	RPD Limit	
Batch AL62711 - EPA 3015 Leachate					· · · · · · · · · · · · · · · · · · ·				Limit	Notes
CS (AL62711-BS2)				Prepared	<u> </u>	- 1	·			
ilver	1.09	0.025	mg/L	1.11	& Analy:	zed: 12/27				
Arsenic	1,12	0.045	mg/L			98.2	80-120			
larium.	1.12	0.025		1.11		101	80-120			
'admium	1.10	0.025		1.11		101	80-120			
hromium	1.01	0.025		1.11		99.1	80-120			
ead	1.06	0.025		1.11		91.0	80-120			
elenium	1.11		_	1.11		95.5	80-120			
		0.095	-	1.11		100	80-120			
fatrix Spike (AL62711-MS1)	Sou	rce: 6L26005	- 01	Prepared	& Analyz	red: 12/27	/ 06			
ilver	1.16	0.025	mg/L	1.11	ND ND	105	75-125			·
rsenic	1.19	0.045	•	1.11	0.010	106	75-125			
trium	1.96	0.025		1.11	0.825	102	75-125 75-125			
simirm .	1.15	0.025	•	1.11	0.009	102	75-125 75-125			
romium	1.07	0.025	. •	- 1.11	ND	96.4	75-125 75-125			
æď	Į.11	0.075	•	1.11	ND	100	75-125 75-125			
lenium	1.20	0.095		1.11	ND	108	75-125 75-125			
atrix Spike Dup (AL62711-MSD1)	_				.,,	100	73-123			
ver		ce: 6L26005		Prepared of	& Analyza	ed: 12/27/	'06 .			
scuic	1.14	0.025	mg/L	1.11	ND	103	75-125	1,74	25	
rium	1.18	0.045	•	1.11	0.010	105	75-125	0.844	25	
draium	1.93	0.025	•	1.11	0.825	99.5	75-125	1.54	25	
romium	1.14	0.025	•	1.11	0.009	102	75-125	0.873	25	
ed	1.05	0.025	•	1.11	ND	94.6	75-125	1.89	25	
AL	1.10	0.075		1.11						
enium		0.0.3		1.11	ND	99.1	75-125	0.905	25	

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

Polychlorinated Biphenyls by EPA Method 8082 - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62716 - EPA 3550B										
Blank (AL62716-BLK1)				Prenared	& Analyz	nd: 12/2	106			
Aroclar 1016	ND	3,30	ug/kg we		& Alalyz	DU. 12/2/	700			
Aroclor 1221	ND	3.30	# W					•		
Aroclor 1232	ND	3.30								
Aroclor 1242	ND	3.30				•				
Aroclor 1248	ND .	3.30								
Aroclor 1254	ND	3.30								
Aroclor 1260	ND .	3.30	•							
Impension Televille		3.30								
urrogate: Tetrachloro-meta-xylene	19.1		-	16.7		- 114	61-140			
surrogate: Decachlorobiphenyl	14.6		•	16.7		87.4	56-136			
CS (AL62716-BS1)				Prepared	& Analyz	.d. 1005	10.0			
roclor 1016	37.9	3.30	ug/kg wet	33.3	& Analyz	ed: 12/27		·		
troclor 1260	35.1	3.30	*	33.3		105	75-148 62-142			
urrogate: Tetrachloro-meta-xylene	19.8			16.7			<u></u>	<u> </u>	·	
wrogate: Decachlorobiphenyl	15.8			16.7		119	61-140			
00 5				10.7		y4.6	56-136	•		
CS Dup (AL62716-BSD1)				Prepared	& Analyz	ed: 12/27	/06			
roclor 1016	36.9	3.30	ug/kg wet	33.3		111	75-148	2.67	200	
roclor 1260	34.9	3.30	•	33.3		105	62-142	0.571	200	
urrogate: Tetrachloro-meta-xylene	18.6			16.7						
arrogate: Decachlorobiphenyl	16.1					111	61-140			
	10.1			16.7		96.4	56-136			

Project: Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control Waste Stream Technology Inc.

Source %REC Result %REC Limits RPD	_ · .	Units	Reporting Limit	Result	Analyte
					Batch AL62704 - EPA 1311/ZHE
2 Analyzed: 12/27/06	Prenared &				Blank (AL62704-BLK1)
- Fallay 25.4. 12/2/100		ug/l	10	ND	vinyl chloride
		•	10	ND	1,1-dichloroethene
			100	ND	2-butanone
·			10	ND	chloroform
		•	10	ND	carbon tetrachloride
			10	ND	benzene
			10	ND	1,2-dichloroethane
			10	ND	trichloroethene
			10	ND	tetrachloroethene
			10	ND	chlorobenzene
			10	ND	1,4-dichlorobenzene
95.3 75-125	30.0	ng/ml		28.6	Surrogate: Dibromofluoromethane
98.7 66-128	30.0	. #		29.6	Surrogate: 1,2-Dichloroethane-d4
93.7 81-118	30.0		•	28.1	Surrogate: Tolvene-d8
94.0 85-123	30.0		•	28.2	Surrogate: Bromostuorobenzene
	Prepared & A				LCS (AL62704-BS1)
73.5 57-127	200	ng/l	10	147	vinyl chloride
87.5 70-123	200	•	10	175	1,1-dichloroethene
123 66-156	200	•	100	246	2-butanone
	200		10	187 🍻	chloroform
	200		10	185	carbon tetrachloride
92.5 70-125	200		10	184	benzene .
92.0 78-119	200		10	194	1,2-dichloroethane
97.0 75-125	200		10	184	richloroethene
92.0 78-118	200		10	192	tetrachloroethene
96.0 71-119			10	186	chiorobenzene
93.0 81-115 95.5 75-120	200 200		10	191	1,4-dichlorobenzene
				29.4	Surrogate: Dibromofluoromethane
98.0 75-125	30.0	ng/mi		28.3	Surrogate: 1,2-Dichloroethane-d4
		-	٠.		
		_			_
94.3 66-128 94.7 81-118 91.7 85-123	30.0 30.0 30.0	*	· .	28.4 27.5	Surrogate: Totuene-d8 Surrogate: Bromoftuorobenzene

Sevenson/G-Jobs 2749 Lockport Road

Niagara Falls NY, 14305

Project: Cornell-Dubilier Electronics

Project Number, Cornell-Dubilier Electronics G-238

Reported: 01/09/07 15:05

OS Project ManagerSam Tavelaris

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD Limit	Notes
Batch AL62704 - EPA 1311/ZHE										
Matrix Spike (AL62704-MS1)	Source	e: 6L22008	-01	Prepared	& Analyz	ed: 12/27	Ins			
vinyl chloride	1.53	10	ug/l	200	0	76,5	54-125	<u> </u>		
l,1-dichloroethene	172	10	•	200	0	76.3 86.0				
2-butanone	226	100		200	0	113	70-123			
chloroform	193	10	•	200	0		59-177			
carbon tetrachloride	181	10		200	0	96.5	71-124			
benzene	186	10		200		90.5	67-114			
1,2-dichloroethane	192	10	*		0	93.0	81-114			
richloroethene	201	10		200	0	96.0	74-123			
etrachioroethene	192	10 .		200	16	92.5	73-119			
chlorobenzene	192	10		200	0	96.0	72-116			
L4-dichlorobenzene	192 .			200	0	96.0	81-113			
		10		200		92.0	77-115			
Surrogate: Dibromofluoromethane	29.0		ng/ml	30.0		96.7	75-125			
Surrogate: 1,2-Dichloroethane-d4	29.5			30.0		98.3	66-128			
Surrogate: Tolisene-di	29. I		•	30.0		97.0	81-118			.*
Surrogate: Bromofluorobenzene	27.2		-	30.0		90.7	85-123			

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Pesticides by EPA Method 1311/8081A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62717 - EPA 3510C Leachate										
Blank (AL62717-BLK1)				Prepared:	12/27/06	Analyzed	: 12/28/0	6		
Gamma-BHC (Lindane)	ND	0.040	ug/i							
Heptachlor	ND	0.040	•					•		1
Heptachlor Epoxide	ND	0.040	•							1
Endrin	ND	0.040	-		•					1
Methoxychlor	ND	0.040	•							1
Chlordane	ND	0.800	•							1
Toxaphene	ND	0.040	•							1
Surrogate: Tetrachloro-meta-xylene	1.87		•	2.00		93.5	55-135			
Surrogate: Decachlorobiphenyl	1.28		•	2.00		64.0	58-130			
LCS (AL62717-BS1)		٠		Prepared:	12/27/06	Analyzed	: 12/28/0)6		
Gamma-BHC (Lindane)	1.12	0.040	ug/l	1.20	···	93.3	72-128			
Heptachlor	1.17	9.040	•	1.20		97.5	78-130			
Heptachlor Epoxide	1.15	0.040	# *	1.20	-	95.8	68-128			
Endrin	1.23	0.040	-	1.20		102	73-143			
Methoxychlor	1.60	0.040	•	1.20		133	73-136			
Surrogate: Tetrachloro-meta-xylene	1.95		-	2.00	:	97.5	55-135			
Surrogate: Decachlorobiphenyl	1.33		-	2.00		66.5	58-130			
LCS Dup (AL62717-BSD1)				Prepared:	12/27/06	Analyzed	: 12/28/0)6		
Gamma-BHC (Lindane)	1.09	0,040	ug/I	1.20	· · · · · · · · · · · · · · · · · · ·	90.8	72-128	2.71	25	
Heptachlor	1.16	0.040	•	1.20		96.7	78-13 0	0.858	25	
Heptachlor Epoxide	1.13	0.040	•	1.20		94.2	68-128	1.75	25	
Endrin	1.22	0.040	•	1.20		102	73-143	0.816	25	
Methoxychlor	1.61	0.040	•	1.20		134	73-136	0.623	25	
Surrogate: Tetrachloro-meta-xylene	1.83			2.00		91.5	55-135			
Surrogate: Decachlorobiphenyl	1.45			2.00		72.5	58-130			

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager.Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Herbicides by EPA Method 1311/8151A - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level		Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch AL62804 - EPA 3510C Leacha	te											_
Blank (AL62804-BLK1)				Prepared	æ	Analyza	At 12/2			<u> </u>		
2,4-D	ND	20.0	ug/l			Amayz	12/20	*****				
2,4,5-TP (Silvex)	ND	20.0	•									Į
Surrogate: 2,4-DCPAA	370		•	400	_		92.5	24-146				_
LCS (AL62804-BS1)				Prepared	æ	A nahow	A 12/29	ens				
2,4-D	408	20.0	ug/l	400		744492	102	57-151				
2,4,5-TP (Silvex)	408	20.0	•	400			102	70-144				
Surrogate: 2,4-DCPAA	395			400			98.8	24-146				_
LCS Dup (AL62804-BSD1)				Prepared	&	Analyza	xd: 12/28	/06				
L4-D	378	20.0	ug/i	400			94.5	57-151	7.63	30		_
LA,5-TP (Silvex)	378	20.0	•	400			94.5	70-144	7.63	30		
Surrogate: 2,4-DCPAA	347			400			86.8	24-146				
	•	•					••					

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	**-*-	Spike		Source		%REC		RPD	
		Little	Units	Level		Result	*REC	Limits	RPD	Limit	Notes
Batch AL62718 - EPA 3510C Leachate								•			
Blank (AL62718-BLK1)				Prepared	&	Analyzed	: 12/	27/06			
pyridine	ND	8	ug/l								
1,4-dichlorobenzene	ND	8	•								
Total cresols (o,m & p)	ND	24	•								
hexachloroethane	ND	8	•								
nitrobenzene	ND	8	•								,
hexachlorobutadiene	ND	8	-								, !
2,4,6-trichiorophenol	ND	16	•								1
2,4,5-trichlorophenol	ND	8									!
2,4-dinitrotoluene	ND	8									1
hexachlorobenzene	ND	8	•								1
pentachlorophenol	ND	16	•								1
Surrogate: 2-Fluorophenol	363			800	-		45.4	14-53			
Surrogate: Phenol-d6	225	•		800			28. j	10-35			
Surrogate: Nitrobenzene-d5	347		•	400			86.8	38-96	٠		••
Surrogate: 2-Fluorobiphenyl	339		-	400			84.8	41-95	•		
Surrogate: 2,4,6-Tribromophenol	810		-	800			101	41-93 44-124			
Surrogate: Terphenyl-d14	427		•	400			107	42-127			
LCS (AL62718-BS1)				Despared	۵.	A l d.	100				
pyridine	49.0	8	ug/l	Prepared 200	&	Analyzed:	24.5		·		
LA-dichlorobenzene	109	8	.	200			24.5 54.5	7-52			
lotal cresols (o,m & p)	212	24		400				46-95			
nexachloroethane	104	8		200			53.0	37-76			
nitrobenzene	147	8					52.0	44-101			
nexachlorobutadiene	122	8		200			73.5	61-93			
.4.6-trichlorophenol	164	-	_	200			61.0	51-114			
4.5-trichlorophenol	172	16	_	200			82,0	62-101			
A-dinitrotolucue		8	_	200			86.0	59-105			
exachlorobenzene	177	8	-	200			88.5	72-113			
entichlorophenol	175	- 8	• .	200		•	87.5	67-127		•	
	181	16		200			90.5	59-132	•		
arrogate: 2-Fluorophenol	322			800			40.2	14-53			
turrogate: Phenol-d6	214		•	800			26.8	10-35			
urrogate: Nitrobenzene-d5	324		•	400			81.O .	38-96			
urrogate: 2-Fluorobiphenyl	323		•	400			80.8	41-95			
urrogate: 2,4,6-Tribromophenol	806		*	800			101	44-124			
urrogate: Terphenyl-dl4	454			400				42-127			

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project: Cornell-Dubilier Electronics
Project Number.Cornell-Dubilier Electronics G-238

Project Manager Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62718 - EPA 3510C Leachate							· · · · · · · · · · · · · · · · · · ·			Notes
LCS Dup (AL62718-BSD1)	•			Prepared	A	-1. 100	<u>·</u>			
pyridine	87.0	8	ug/i	200	& Analyz					
1,4-dichlorobenzene	130	8	•			43.5	7-52	55.9	30	,
Total cresols (0,m & p)	230	24		200		65.0	46-95	17.6	30	
hexachloroethane	124	24		400		57.5	37-76	8.14	30	
nitrobenzene	167	•		200		62,0	44-101	17.5	30	
hexachierobutadiene		8		200		83.5	61-93	12.7	30	
2,4,6-trichlorophenol	143	8	•	200		71.5	51-114	15.8	30	
L.4.5-trichlorophenol	176	16	•	200		88.0	62-101	7.06	30	
4-dinitrotolnene	185	. 8		200		92.5	59-105	7.28	30	
exachlorobenzene	187	8	•	200		93.5	72-113	5.49	30	
	183	8	•	200		91.5	67-127	4.47	30	
entachlorophenol	198	16	•	200	•	99.0	59-132	8.97	30	
urrogate: 2-Fluorophenol	367		-	800		45.9	14-53			
urrogate: Phenol-d6	231			800						
urrogate: Nitrobenzene-d5	<i>375</i> .		•	400	**	28.9	10-35			•
urrogate: 2-Fluorobiphenyl	354			400		93.8	38-96			•
urrogate: 2,4,6-Tribromophenol	864		-	#00 800		88.5	41-95			
urrogate: Terphenyl-d14	465					108	44-124			
	703		-	400		116	42-127			

Project: Cornell-Dubilier Electronics Project Number Cornell-Dubilier Electronics G-238

Reported: 01/09/07 15:05

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Waste Stream Technology Inc.

Project Manager:Sam Tavelaris

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL61929 - General Preparation						:				
Blank (AL61929-BLK1)				Prepared:	12/15/06	Analyzed	12/19/06			
Reactive Sulfide	ND	40.0	mg/kg	•						
LCS (AL61929-BS1)				Prepared:	12/15/06	Analyzed:	12/19/06			
Reactive Sulfide	409	40.0	mg/kg	505			66-109			
Batch AL61930 - General Preparation						:				
Blank (AL61930-BLK1)				Prepared:	12/15/06	Analyzed:	12/19/06			·
Resctive Cyanide	ND	40.0	mg/kg				1217/00			
LCS (AL61930-BS1)				Prepared:	12/15/06	Analyzed	12/19/06			
Reactive Cyanide	79.1	40.0	mg/kg	849		9.32	7-12			
Batch AL62720 - General Preparation		•			•		•			
LCS (AL62720-BS1)				Prepared	& Analyz	ed: 12/27/0	6		٠	
Ignitability by Flashpoint	82		deg F				80-120	·	. .	-

Sevenson/G-Jobs Project: Cornell-Dubilier Electronics

2749 Lockport Road Project Number/Cornell-Dubilier Electronics G-238 Reported:
Niagara Falls NY, 14305 Project Manager/Sam Tavelaris 01/09/07 15:05

Notes and Definitions

U Analyte included in the analysis, but not detected

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.

B Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Denotes RPD is outside QC limits.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

6L22008

Waste Stream Technology Inc.

Nent: Sevenson/G-Jobs

oject: Cornell-Dubiller Electronics

Project Manager:

Dan Vollmer

Project Number:

Cornell-Dubilier Electronics G-238

Report To:

Sevenson/G-Jobs

Sam Tavelaris

2749 Lockport Road

Niagara Fails, NY 14305

Phone: (716) 609-1775

Fax: (716) 285-4201

Invoice To:

Sevenson/G-Jobs

Al LaGreca

2749 Lockport Road

Niagara Falls, NY 14305

Phone:(716) 284-0431

Fax: (716) 284-1796

Date Duc:

12/28/06 17:00 (3 day TAT)

Received By:

Keyin Burke Keyin Burke

Logged in By: Shipped By:

<u>UPS</u>

Date Received:

Date Logged in:

12/22/06 15:00 12/22/06 15:08

Tracking No.:

1Z 103 1AX 22 1005 8016

Samples Received at: 2.3°C

Temp > 6.0

ale volume pH out of ran sher of containers did not match CX

No

Sample container received broken Sample label incomplete/did not match CQC Gelger counter detected redirectivity

No afferont made to thermally preserve samp! COC not signed/filled out properly/sealed & \ No

Also fax report to Ken Palsley, SES NF

No

Analysis

Exnires

61.22008-01 G238-Oil Tank-Wall-1-4-122106 [Soil] Sampled 12/21/06 09:30

Eastern

CLP ZHE Extraction

Cyanide interference check positive

Bubbles present in VOA container

Custody scals not present/introt/signed

12/28/06 15:00

01/04/07 09:30

CLP Extraction 1311

12/28/06 15:00 12/28/06 15:00

12/28/06 15:00

01/04/07 09:30

Solids, Dry Weight PCBs by 8082

06/19/07 09:30

12/28/06 15:00

01/04/07 09:30

Full TCLP + RCRA Char

12/31/06 09:30

pH Check:

Analysis groups included in this work order

Full TCLP + RCRA Chor

Reactive Sulfide IgnItability-1010 Reactive Cyanide Hg TCLP CVAA pH soil 9045 8270 TCLP

1

Metals RCRA TCLP ICP

8260 TCLP

8151 TCLP Herbicides

8081 TCLP Pesticides

of work order have been Date ved By

21116

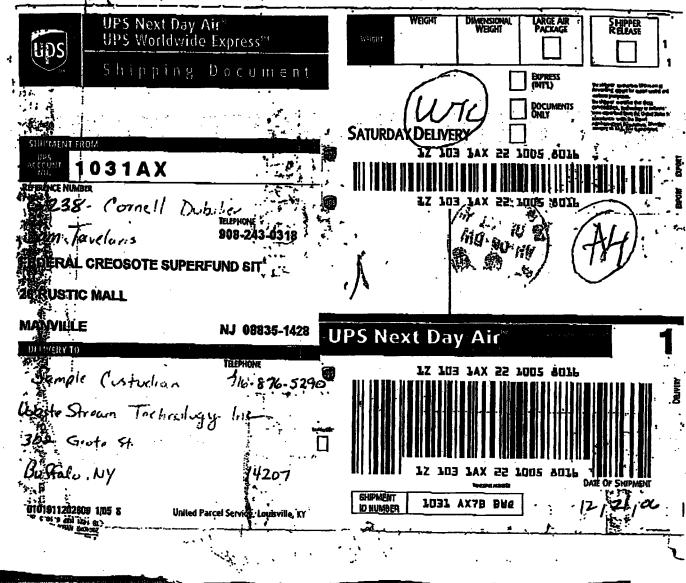
2116

212106 Requested analyses of work order have been

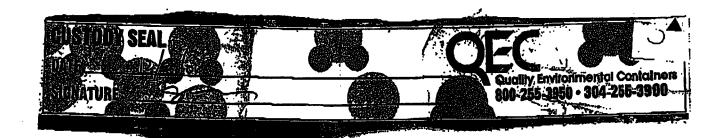
reviewed and approved By

Page 1 of 1

Jan. 9.	200/ 3:3VFM	y Corp. of Engineers Sam	ble Keceibr.	
•	Arm	y Corp. or	No. of Coolers	71.64
•			Contract Cooler BL	/WIT
IMS /	-			129/06
'AD Cooler #	16 1000	1- Dubilier	Date Received:	7
JECT:	ger Course	ALL TO NOTE DETAILS	CONCERNING CHECK-IN PROBL	ENIS.
	USE OTHER SI	DE OF THIS FORM TO NOTE DETAILS	No For	IN PUYTE
	AND ATION PHA	SE: Date cooler was opened:	16 (print):	
A. PRELIMINA	1211	9160 121		NO
by (aign):			x 22 1005 80	<u>(6</u>
s DM cooler	come with shipping alip	(airbill part): VIS LZ 103 A		NO NO
If yes enter	COLUMN INSTRUCTION		Sido YES	12/2/19
	andy sadis on outside of	cooled 10011	766	NO
How meny	, where, date, time:	and time of strivel?	YES	< NO NO
3. Were cus	stody seels unbroken en	d intect at the date and time of arriver?	YES.	
	tor radic	BELLAILY ASILIA & TELE	YES	No
4. Dia you	screen sented in	plactic bag & taped incide to the fid?		≺ ио
E. Were cu	letody papers accion in			по
B. Were C	ustody papers filled out	properly link, signed, eath?	YES	NO
7. Dld vou	u sign the custody paper	s in the appropriate places	YES	
	المساهات الما	he custody lottes		NO .
If YES. 6	eufer brolege	ء ا د د ص	YES	14 1217-7/06
t	les US	ed? Type:		(date)
a" II tedo	moo.	al here to soknowledge receipt of cools	et:	: 1 The state
10, Have	P designated bosses		Α .	evin BUSE
	IN PHASE Pate sample	E were logged for 17/2	2/06 (print):	
			IA sound	
21		cooler: Bubble	VOVO	No
11. Des	icibe type of packing in	cooler:	YES	
	n houses seded in a	eparate plestic bags?	(YES	. NO
12. WO	MA Bu norm	ken and were labels in good condition?		ОМ
13. Did	d all bottles arrive unpro	reservation)		
14 W	Vers ell labels complete()	D, date, time, signature, preservation) i	YE	NO NO
14. **	otto all bottle labels agree	with custody papers?		NO
15. P	ild all bottle labels agree	indicated?		NO
16. V	Ware correct containers	used for the tests indicated?	<u>L</u>	ES
,	Mare correct preservativ	es added to samples?		YES NO
17.1	Mete collect hissand	dent for tests indicated?		NO
18.	Was a sufficient amount	t of sample sent for tests indicated?	. 1/1/	YES
	hubbles absent in	VOA samples? If NO, list by sample f	" (V/4	YES .
19.	AASIS DANNIAS	and status discussed?		
	. Was the project manag	er called and status discussed? a back of this form.	NIT	
20.		0 M4411) F Salat	
20,	I YES, give details on th		Cole:	WASTEST
<u>'</u>	If YES, give details on th		Egra.	UNSTEN







Service Control of Municipal C	MO .
G116 Stores G256 G256 G35 Cooul Dailer G35 Cooul Dailer	
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4 6230-00 tone-man-4-0240 1040 0050 5 7 X X	721
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1 Fac 0	
NOME UPS Treating 5: 12-103-14x-22-1005-8016	

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

\$	Service Agreement on File?	YES NO		Profile Nun	nber: <u>VG 4062 (Model</u>	Citv)
) I	☐ Hazardous ☐ Non-Hazardou	B 🖾 TSCA		Renewal D		
11 33 55 77 99 1 1 1 1 1 a b c.	Waste Generator Information Generator Name: Cornell-Du Facility Street Address: 333 H Facility City: South Plainfield Zip/Postal Code: 08882 County: Customer Name: Sevenson II Customer Contact: Jeff Shirle Billing Address: 2749 Lockpo Waste Stream Information DESCRIPTION Name of Waste: Tank Steel (C Processing Generating Waste: be sized for shipment. Drums of Analysis of the residual floor co	biller Superfund Si lamilton Boulevard Environmental Sen- ev oft Road, Niagara F luster 12 AST), sol	rices, Inc alls, NY 14302 ids and crushed en above-ground street tank will be ill solids of tank atte Solid	1 2. SIC 0 4. Phon 6. State 8. Gene 10. State 12. Custo 14. Custo mpty drums orage tank (e. bulk consolic	Code: le: le: l/Province: NJ erator USEPA/FED ID : l/Province ID#: pmer Phone: (716) 284-42 pmer Fax: (716) 285-42	remedial action at the Site. Steel will s (22) will be crushed before loading. g. Free liquid range
i. j.	Liquid Flash Point:	constituents [includ	00-139°F	organics, deb	ris, and UHC's] presen	5_to 9 ⊠Not Applicable t in any concentration and submit
	ank Steel	Concentration Rail 95-100%	nge	Constituents	<u> </u>	Concentration Range
		0-1%		 	<u> </u>	
Te		1-2%		 		
C		1-5		 	<u></u>	
P	B	up to 133.9 ppm (s	ee attached)			
7_				<u> </u>		
_				l		
L_						
		TOTAL CO	MPOSITION MUS	T EQUAL OF	REXCEED 100%	
k.	Oxidizer	☐ Pyrophoric	•	☐ Explosive	· · · · · · · · · · · · · · · · · · ·	
	☐ Carcinogen	☐ Infectious		Charle Ca		☐ Radioactive ☐ Water Reactive
l.	Does the waste represented by	this profile contain	any of the carcino	cone which n	oguim OCUA National	
	(list in Section B.!.)				equite corta Notificati	MYES CINS
m.	Does the waste represented by	this profile contain	dioxins?			
	(list in B.1.j)	***************************************	******************************		***************	☐ YES MINO
n.	Does the waste represented by t	this profile contain	asbestos?			
	,	**********************	• • • • • • • • • • • • • • • • • • • •	I Ifria	hle I Inon-friable	
0.	Does the waste represented by t	his profile contain l	henzene?			— · · · · ·
	is the waste subject to benzene	waste operations N	IESHAD		• •	<u> </u>
n	is the waste subject to DOD to	hand OO	~: # W	****************	*******************************	YES NO
, P .	is the waste subject to RCRA Su	ippaπ CC controls?	,	•••••	•••••	YES 🖾 NO
	in the first and through the et ale of	vanic LUK Exemb	iion /			
	Will the are the side colliging and	v vulliw yolalile on	ganic (VO)?			⊠ YES □ NO
Q.	TOTAL DISCUSSION OF THE PLANT O	J11199				
y. r.	Does the waste contain any Clas	SIOF Class II ozon	e-depleteing subs	stance?	***************************************	☐ YES 🖾 NO
s.		IIOL III OGGUUN D. I.I	. D			
J .	is the waste subject to controls a if yes, is it a Table 8 or Table	a dictori masir	water or residual t	inder the HO	N?	☐ YES 🔯 NO
	,, K & TOLIE G [OF 18016	⇒ ∟ compound?				
2.	Quantity of Waste Estimated Annual Volume 40	☑ tons	☐ Yards	☐ Drums	Other (specify)	
3.	Shipping information					•
	Packaging					
	⊠Bulk Solld: Type/Size			∏ Bulk I	iquid, Type/Size	
	☐Drum: Type/Size			☐ Other		-

Form WMI-4153 (5/99) Page 1

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

)	b. c. d. f.	Shipping frequency: Units 3 Per: Is this a U.S. Department of Transport Reportable quantity (lbs./kgs):1 USDOT Shipping Name RQ, Polychlo	tation (USD rinated Biol	OT) Hazar nenvis. Sol	e. H	⊠One Ti (If no, skip d lazardous Cla	ime	er <u>5</u>	⊠ YES	□ NO
	g. h.	Personal Protective Equipment Requirement Transporter/Transfer Station	rements		-	:				
	C.	Generator's Certification (Please chec	k appropria	te respons	es, sian and di	ste below.)				
	1.	is this a USEPA hazardous waste (40	CFR Part 2	61)? If the	answer is no.	skip to 2			☐ YES I	NO NO
:	a.	If yes, identify ALL USEPA listed and	characterist	ic waste co	ode numbers (l	D,F,K,P,U)				
	b.	If a characteristic hazardous waste, do (UHCs) apply? (If yes, list in Section. E	3.l.j),	************		***********************	<u>.</u> .		.∏ YES.	∏ NO
• •	C.	Does this waste contain debris? (if yes	s, list size a	nd type in (Chemical Com	position- B.I.)	······		⊠ YES	□ NO
	2.	Is this a state hazardoue wasta?								_
		is this a state hazardous waste?ldentify ALL state hazardous waste co	des <u>B007</u>	**************	***************************************	***************************************	***************************************		.⊠ YES	□ NO
	3.	Is the waste from a CERCLA (40 CFR If yes, attach Record of Decision (ROE clean-up, provide relevant documentation)	J). 104/106	ndix B) or s or 122 ord	state mandated er or court orde	clean-up? or that govern	s site clean-up f	or activity. Fe	☑ YES[or state m] NO andated
	4,	Does the waste represented by this wa Nuclear Regulatory Commission?	aste profile :	sheet conta	ain radioactive	material, or is	disposal regula	ited by the	☐ YES [⊴ NO
		Does the waste represented by this wa 761? (if yes, list in Chemical Composit a. If yes, were the PCBs imported into	10N-B.L.I.)	·					M vee r	7 NO
) \	6.	Do the waste profile sheet and all the a information within the possession of the Contractor?	attachments e Generator	contain tr	ue and accurat	e description	s of the waste m	aterial, and h	as all rele	vant
, -	7.	Will all- changes which occur in the changes which occur is the changes which occur in the changes which occur in the changes which occur in the changes which is the changes which is the changes which in the changes which is the change which i	aracter of the	e waste be Contracto	e identified by tor?	he Generator	and disclosed		☑ YES [] NO
-	XI .	Check here if a Certificate of Destruction	on or Dirmo	ol is maui						
	ager addi and Ceiti	sample submitted is representative as ple from any waste shipment for purp nt of the generator and has confirme tional information as it has determined licenses for the waste that has been characteristication Signature:	d the information of the informa	mation colonably ned	i. If this certific ntained in this cessary. If app ified by this app Company Na	ation is mad Profile Sher roved for ma proved profile me	e by a broker, the from information information in the front information in the front in the fro	he undersign tion provided ractor has all	by the g the neces	as authorized enerator and ssary permits
1	6L2:	2008) and Tank Bottom Solids (6L2000	9) analytica	il tesuits	·	ached. Indica	ate the number o	or attached pa	ges. <u>4 an</u>	k Wall Solids
Ü		aste Managament's Decision							في	
1	•	Management Method	fill ☐ I rdous Stabil		dous Solidificat]Bioremediation		eration	
2		Proposed Ultimate Management Facilit	v				*1	,		
3		Precautions, Special Handling Procedu		tation on A	pproval					
ŀ.		A						****		
		Vaste Form: 5. Sour			6. System Ty	/pe:				j
ı		ial Waste Decision: Appro	Ned .	☐ Disap	proved					
S	ales	sperson's Signature:				Date:		-		j

Cornell Dubillier Electronics Superfund Site – Site Sample Review Form

Prepared For:

Sample ID(s) G238-Oil tank-Wall-1-4-122106

Prepared By:

Ken Paisley

CC:

Kim Lickfield

Date:

01/10/07

Waste Determination (if applicable): PCB Debris > 50 PPM (TSCA)

This memorandum summarizes the results of the internal data quality review assessment for the above referenced sample(s) conducted by Sevenson Environmental Services, Inc., personnel as part of its Corporate Data Quality Assurance Program. All results have been evaluated relative to general guidance provided in 40 CFR 261, Identification and Listing of Hazardous Wastes, for hazardous waste determination. (www.epa.gov/epacfr40/chapt-Linfo/chi-toc.htm).

A copy of the data assessment sheet for the sample is attached. The analyses performed are of acceptable data quality.

"I, the undersigned, as authorized by my company and under its Contract No. W912DQ-04-D-0023, certify that the wastestream represented by this analysis will be managed as follows:

> Disposal Facility - CWM Model City/Model City, NY Waste Classification - PCB Debris > 50 ppm (TSCA Regulated)

This waste management decision is based upon the definitions of hazardous waste as defined in 40 CFR 261.20 to 261.24 and/or 40 CFR 761. Furthermore, based on generator's knowledge of site processes, the waste is not a listed hazardous waste per 40 CFR 261.30 to 261.34, and, TCLP and Total Characteristics not tested for are known not to be present in the concentrations equal to or greater than the values specified in the TC Rule in 40 CFR 261.24."

Approved by:

Kenneth Paisley, CHMM

Technical Services Manager

DATA EVALUATION CHECKLIST

Project Name/Sevenson Job Number:Cornell-Du	bilier/G238				
Laboratory: Waste Stream Technology, Inc.					
Laboratory Report Number: 6L22008					
Laboratory Sample IDs: 6L22008-01					
Sample Collection Date(s): 12/21/06					
Sample Type/Matrix: Oil Tank Wall/Waste Charac	terization		·		
Analyses Performed:RCRA Characteristics, Full 7	CIP PCRe				
- Reviewed By: <u>JAS</u> Date Initiated: <u>01/09/07</u>	Dat	e-Completed:	01/09/	07	
ATTACHMENTS: X Sample ID	Table				
		Dofinion N-1	:c man		
Sample/An	obeis Issaes	Deficiency Not	incation (DN)	F)	
RPD Summ	arysis irregu	latity rom			
	•				
REPORT CONTENTS: The following items should be the items are missing contest the leborators to about at	included in	the complete to	h		
the items are missing, contact the laboratory to obtain the	missing its	me complete la	ooratory anar	yucai data report. I	any of
	o masing ite		11.18/21 4.45 3/27		
				- 1	
Field sample identifiers and corresponding laboratory ID numbers	V		THE RESERVE AND PROPERTY.	KAT A BARAN MARAN	
(also prepare a table that matches field sample IDs, laboratory		Į.		Į	
IDs, rinsate blanks, trip blanks, duplicate samples, laboratory QC		İ	1		
samples, and QA laboratory split samples) Case narrative			L		
Chain-of-custody form(s)					
United the state of the state o	✓	l l	į.		
Laboratory Sample Receipt Charletist and USACE Contra					
Laboratory Sample Receipt Checklist and USACE Cooler Receipt Form	1				
Form Shipping papers and custody seals					
Shipping papers and custody seals Data Qualifier Sheet that defines the data qualifiers used by the	7				
Shipping papers and custody seals Data Qualifier Sheet that defines the data qualifiers used by the laboratory to report the analytical results					
Shipping papers and custody seals Data Qualifier Sheet that defines the data qualifiers used by the					

DETAILED ASSESSMENT AND VALIDATION: Complete the assessment and validation for each laboratory data report by checking the appropriate column (yes "Y", no "N", or not applicable "NA"). If the answer to any of the questions is "no", an explanation of the non-compliance/deficiency and associated corrective action should be included in the case narrative and on a Laboratory/Analytical Deficiency Notification Form (DNF). If a DNF is available, attach to the Data Evaluation Checklist.

Was the chain-of-custody form properly completed and signed by the field personnel when relinquished and by the laboratory when received?	1			
Was the chain-of-custody form free of errors and discrepancies?	17	1	+	
	Maria.			
Are the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms present and properly signed?	1			
Do the Laboratory Sample Receipt Checklist and USACE Cooler Receipt Forms indicate that the samples were received within proper temperature and in good condition?	1	†		·
Were samples that required preservation properly preserved?	├	-	17	
· · · · · · · · · · · · · · · · · · ·	43.5			A Company of the Comp
Were all chain-of-custody-requested analyses performed?				
Are analytical results reports present for all samples and for all analyses?	1 -	 -	 	
Do the result reports for each analytical parameter for each sample list all of the required site-specific compounds or metals as specified in the QAPP?	7			
一点分词光光 化二氯化二氯化二氯化二氯化二氯化氯化氯化氯化氯化氯化氯化氯化氯化氯化氯化氯化				A STATE OF THE PARTY OF THE PAR
Were extraction (when applicable) and analysis holding times for sample met?	7			
				The second secon
Does the report contain method blank results for each analytical parameter performed?	~			
Were the method blanks free of target compounds?	l	-	├	TOTAL T
Were the site samples free of compounds detected in the method blank?	L	-	 	TCLP Barium - 0.062mg/L
If the site samples were not free of compounds detected in the method blank, did		_	 	
the laboratory flag the site samples with a "B" qualifier?	V			A "U" qualifier was assigned to the TCLP barium result in sample 61.22008-01.

		100		
If the report contains results for any analysis				
If the report contains results for aqueous volatile organic samples, does the report contain trip blank results?			7	
If the report contains results for samples collected prime are dedicated	╂	+	1	
VYYLVILIGIIL UUCS IIIE TEINIT CONTOIn rincola blank	1	1	*	
Were the site samples free of compounds detected in the trip and/or rinsate blank?	1	 	1	·
	<u> </u>	ŀ		
Does the report contain the results of LCS analyses with the corresponding				
COMUOI MINHS REDORTER?	1	1	1	
Are the recoveries from the LCS analyses within the corresponding control	╅╌┈	1-	├	The LCS/LCSD RPD for TCLP pyridin
with the contract of the contr	ļ	' '		was greater than the QC limits.
If NO, does the case narrative detail the reason and the corrective action taken? (Also, attach the applicable DNF, is available.)	1			The individual LCS recoveries were wi
the spheriose Divi, is available.)	1	l	•	the QC limits. The sample results were
		A 1945		assigned "P" qualifiers during data revi
Does the report contain a field replicate sample?			7	
Calculate the relative percent differences between the replicate sample results and attach the RPD Summary Table.			1	
Are the field duplicate sample results in sorrement based on the consequent	├	 		
criteria included in CENWK-EC-EF.	l		1	
For the control of th				
For the applicable organic compound analyses, are the surrogate compound	1			· · · · · · · · · · · · · · · · · · ·
recoveries and the corresponding control limits reported? Are the surrogate compound recoveries within the control limits?		لــــا		
some country within the country imits?	ļ	1		PCBs: The surrogate compounds
				tetrachloro-meta-xylene and decachlorobiphenyl were diluted out of
				sample 6L22008-01
i				Pesticides: The recovery of
				decachlorobiphenyl was less than the Or
If NO, does the case narrative detail the reason and the corrective action taken?	-			limit in sample 61.22008-01
(Also, attach the applicable DNF, is available.)	Ť	İ		PCBs: The sample was analyzed at a 50- times dilution due to the high concentrat
		l		of target compounds. No qualifiers were
ì		- 1	J	assigned to the sample results during dat
•		- 1	1	
l	I		ļ	Pesticides: According to the laboratory,
	l		- 1	matrix interference was the most likely cause of the low recovery. "J" qualifiers
į	- 1	- 1	- 1	Were assigned to the sample regules for the
	- 1		į	compounds associated with the surrogate compound (i e, endrin, methoxychlor, an
			i	toxaphene).
Does the report contain, for each applicable analytical parameter, the results of		u u		
analyses including the recoveries and corresponding control	-			
		- 1	- 1	
loes the report contain, for each applicable analytical parameter, the results of	7		\neg	
natrix spike duplicate and/or laboratory duplicate pairs, including the relative ercent differences and corresponding control limits?]	.	
Te the recoveries from the matrix spike matrix eniles doublesses and			\dashv	
boratory duplicate pairs, including the relative percent differences, within the	•	- 1	1	
within the		- 1		
and A Title Bt.		i		
NO, does the case narrative detail the reason and the constitution and		-	7	
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.)			7	
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.)			/	
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.) o the analytical results reports list the sample quantitation limits for each ampound?				
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.) to the analytical results reports list the sample quantitation limits for each ampound? The the project-required quantitation limits included in the OAPP and	40.00			
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.) to the analytical results reports list the sample quantitation limits for each ampound? The project-required quantitation limits included in the QAPP met? The quantitation limits are out of range, does the case possetive described.	/			
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.) to the analytical results reports list the sample quantitation limits for each ampound? The the project-required quantitation limits included in the QAPP met? The quantitation limits are out of range, does the case narrative document the use(s) as to why the limits are above criteria?	/			
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.) to the analytical results reports list the sample quantitation limits for each ampound? The project-required quantitation limits included in the QAPP met? The quantitation limits are out of range, does the case narrative document the use(s) as to why the limits are above criteria? The organic analysis parameters, are the require that we contain the distriction of the contains that the contains the description of the contains the contains that the contains the contain	/			
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.) to the analytical results reports list the sample quantitation limits for each ampound? The the project-required quantitation limits included in the QAPP met? The quantitation limits are out of range, does the case narrative document the use(s) as to why the limits are above criteria? The organic analysis parameters, are the results that are greater than the MDL to below the MQL properly flagged by the laboratory with the "J" qualifier? The organic parameter results that have compounded the confidence of the sample of the confidence of the	/			
NO, does the case narrative detail the reason and the corrective action taken? Also, attach the applicable DNF, is available.) to the analytical results reports list the sample quantitation limits for each ampound? The project-required quantitation limits included in the QAPP met? The quantitation limits are out of range, does the case narrative document the use(s) as to why the limits are above criteria? The organic analysis parameters, are the require that we contain the distriction of the contains that the contains the description of the contains the contains that the contains the contain	/			

•	Data Assessment/Validation by: CQC Systems Review by:	Icanifer Singer Name Kenneth Paisley Name	ennyu Ox Signat Signat	1/10/07	! :
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					:

•

Project Name/Job Number:Cornell-Dubilier/G238
Sample Type:Tank Wall/Waste Characterization
Sample Collection Date: 12/21/06
Laboratory: Waste Stream Technology. Inc.
Laboratory Report ID/Group Number: 6L22008

SAMPLE LOCATION (FIELD ID)	I A BOD A TOTAL COLOR		
	LABORATORY SAMPLE ID	ASSOCIATED FIELD DUPLICATE (FIELD AND	LABORATORY QC PERFORMED WITH SAMPLE (If any)
G238-OilTank-Wall-1-4-122106	6L22008-01	LABORATORY ID)	(,)
	6L20009-04*		TCLP VOC MS
	6L26005-01*		TCLP Mercury MS/MSD
* Indicates sample analyzed in the sai	me hatch as samples for		TCLP Metals MS/MSD

indicates sample analyzed in the same batch as samples from group number 6L22008

WASTE STREAM TECHNOLOGY, INC.

302 Gipte Steet Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 01/09/07 Work Order Number: 6L22008

Prepared For Sam Tavelaris Sevenson/G-Jobs 2749 Lockport Road Niagara Falls, NY 14305 Fax: (716) 285-4201

Site: Cornell-Dubilier Electronics G-238

Enclosed are the results of analyses for samples received by the laboratory on 12/22/06. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel W. Voltmer, Laboratory QA/QC Officer

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager,Sam Tavelaris

Reported: 01/09/07 15:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
G238-Oil Tank-Wall-1-4-122106	6L22008-01	Soil	12/21/06 . 09:30	12/22/06 15:00

Case Narrative

This narrative pertains to one sample from the Cornell-Dubilier Electronics G-238 site, collected on December 21, 2006 and received December 22, 2006. The sample corresponds to the Waste Stream Technology Inc. work order number 6L22008 and sample ID m 6L22008-01.

1. Sample Receipt and Preservation: The sample arrived at the laboratory carefully packed in one cooler and the custody seals we on the cooler. The temperature inside the cooler was measured and found to be within acceptable limits (@ 23°C). All of a in the cooler arrived intact and the labels on the containers were found to be complete. The information on the sample labels the information on the chain-of-custody forms placed inside the shipping cooler.

The sample receipt checklists for this work order number are included in the Chain-of-Custody section of the final result report.

- 2. Sample Holding Times: All required holding times were met for all of the extractions and analyses performed on the sample fix order number 6L22008
- 3. Method Blank Analysis: The method blanks analyzed for each of the analytical parameters performed on the samples in work a number 6L22008 did not contain any target analytes, with the following exception:
- 3.1 Barium was detected in the metals method blank at a level of 0.062 mg/L, above the reporting level of 0.025 mg/L. Bain detected in sample 6L22008-01 and was flagged with the B qualifier.
- 4. Laboratory Control Sample (LCS) Analysis: Recoveries of the target analyses from the laboratory control samples associated with analyses of the sample from work order number 6L22008 were found to be within the control limits.
- 5. Matrix Spike and Matrix Spike Duplicate Analysis: Matrix spike and matrix spike duplicates were performed for ICLP metals is on sample number 6L26005-01 (a sample not from work order number 6L22008, but prepared and analyzed in the same is 1. All recoveries and RPDs for this analysis were within QC limits.

Matrix spike and matrix spike duplicates were performed for mercury analyses on sample number 61.20009-04 (a Cornell-Dubilier Electronics sample not from work order number 61.22008, but prepared and analyzed in the same analytical batch). All recoveral RPDs for these analyses were within QC limits.

Matrix spike analysis was performed for TCLP volatile analysis on sample number 6L22008-01. All recoveries for this analysis w within QC limits.

Laboratory control sample duplicates were analyzed for PCB, ICLP pesticide, ICLP herbicide, and semivolatile organic compound analyses. The recoveries and RPDs for these analyses were within QC limits, with the following exception:

5.1: The RPD of pyridine from the ICLP semivolatile LCS Dup AL62718-BSD1 was above QC limits and was flagged with the qualifier.

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project Comell-Dubiller Electronics G-238

Project Number:Comell-Dubiller Electronics G-238

Project Manager:Sam Inveloris

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6. Surrogate Compound Recovery: The surrogate recoveries from the GC/MS analyses of the Cornell-Dubilicr Electronics site samples from work order number 6L20009 and the associated quality control sample analyses were found to be within laboratory quality do limits, with the following exceptions:

6.1The recoveries of the surrogate compounds Tetrachloro-meta-xylene and Decachlorobiphenyl in sample 6L22008-01 for PCB analysis were not available due to sample dilution required from high analyte concentration and were flagged with the S - 01 and U que

6.2The recovery of the surrogate compound Decachlorobiphenyl in sample 6L22008-01 for ICLP Pesticide analysis was lower than Q limits due to a sample matrix effect and was flagged with the S-04 qualifier.

- 7. Irip Blank Analyses: Irip blank analysis was not performed for this work order.
- 8. Laboratory Authentication Statement: I certify, to the best of my knowledge, that the information submitted in this analytical depis true, accurate and complete, and conforms to the current Sampling and Analysis Plan for the Higgins Farm Superfund Site . h Laboratory Director, or his designee, has authorized release of this data as verified by the report page signature .

Project: Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238

Project Manager:Sam Invelaris

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TCLP Metals by 6000/7000 Series Methods

Waste Stream Technology Inc.

Analyte		- 1	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-OI	Tank-Wall-1-4-122106	(6L22008-01) Sol	1	Sampled: 12/21	/06 09:30	Rece	ived: 12/22				
Aercury			ND	0 001	mg/L	1	AL-62707	12/27/06	12/27/06	EPA 7470A-ICLP	1
ilv er			ND	0.025	•	5	AL62711	12/27/06	12/27/06	6010B	
Jenic			ND	0.045	•	•	•	•	•	00100	,
erium		, (0.068 .	0 025	•	•	•	•	,	•	
dmium			ND	0 025		•	•	•		•	1
promism			ND	0 025	•	•	•	•	•	•	t
ead			ND .	0.075	•	•	•	•			1
elenium			ND	0.095	•	•	•	•	•	•	

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Project: Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager Sam Tavetaris

Reported: 01/09/07 15:05

Polychlorinated Biphenyis by EPA Method 8082

Analyte		Result	Reporting Limit	Units	Dilution	. Batch	Propared	Analyzod	Method	Notes
G238-OII	Tank-Wall-1-4-122106	(61.22008-01) Soil	Sampled: 12/2	21/06 09:30	Res	selved: 12/2	2/96 15:00		٠.,	· · · · · · · · · · · · · · · · · · ·
Arector	1016	ND	165	ug/kg dry	-50	AL62716	12/27/06	12/27/06	8082	1
Arector	1221	ND	165			•	•		•	
Aroclor	1232	ND	165						_	1
Arodor :	1242	4800	165	•				•	-	,
Aroclor :	1248	ND	165		•			_	-	_
Aredor 1	1254	11500	165	-	•				_	ţ
Aroclor 1	1260	1240	165		•		•		-	
Sarogate.	Tetrachloro-meta-xylene		%	61-14	10					
	Decachlor obiphenyl		*	56-13		-	•	•		S-01, (

Project: Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238
Project Manager Sam Invelaris

Reported: 01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Propared	Analyzed	Method	Notes
G238-Oil Iank-Wall-1-4-122106 (6L22008	-01) Sell	Sampled: 12/2	21/06 09:30	Received: 12/22/06 15:00					
vinyl chloride	ND	10		1	Al-62704	12/27/06	12/27/06	8260-TCLP	
l,1-dichloroethene	ND	10	•	•	•	•	•	•	
2-butanone	ND	100	•	•	•	•	•	•	
chloroform	ND	10	•	•	•		•		
carbon tetrachloride	ND	10	•		•	•	•	•	
bennene	ND	10	•	•	•	•	-		
1,2-dichloroethane	ND	10	•	•	•	•	•		
brichloroethene	16	10	•	•	•	•	•		
etrachloroethene	ND	10	•	•	•			•	
chlorobenzene	ND	10	•	•	•		•		
1,4-dichlorobenzene	ND	10	•	•	•	•	•	•	
Surrogate: Dibromoffuoromethane		98.7 %	75-12	5		-	-		
Surrogate: 1,2-Dichloroethane-d4		99.7 %	66-12		•		•		
Surrogate. Toluene-d8		967 %	81-11		•		•		
Surrogate: Bromofluorobenzene		903 %	85-12			-			

Project: Cornell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager Sam I avelaris

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TCLP Pesticides by EPA Method 1311/8081A

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Propared	Analyzed	Method	Notes
G238-OR Tank-Wall-1-4-122106 (61.22003	3-01) Soff	Sampled: 12/2	1/06 09;30	Rec	tived: 12/22	1/06 15:00			
Gamma-BHC (Lindane)	ND	0 040	1/80	1	AL62717	12/27/06	12/28/06	EPA 8081A	T
Heptachlor	ND	0.040	•	•		•	•	•	
Heptachlor Epoxide	ND	0 040	•		•	•			t
Endrin	ND	0.040			•				τ
Methoxychlor	ND	0.040	•	•	•	•	•	•	υ
Chlordane	ND	0 800	•	•		•		•	r
I outphene	ND	0 040	•	•	•		•	•	Ü
Surrogate: Tetrachioro-meta-xylene		745 %	55-13	5	•	•	 -		
Surrogate Decachlorobipheny!		40.5 %	58-13		-	•	•	•	5-04



Project Carnell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager Sam Invelaris

Reported: 01/09/07 15:05

TCLP Herbicides by EPA Method 1311/8151A

Waste Stream Technology Inc.

Analyte		Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
G238-OII	Tank-Wall-1-4-122106 (6L22008-01)	Soil ·	Sampled: 12/2	1/06 09:30	Rece	ived: 12/2	2/06 15:00			
2,4-D		ND	20.0	129/1	50	AL62804	12/28/06	12/28/06	\$151	. 11
2,4,5-IP	(Silvex)	ND	20 0	•	•		•		-	π
Surogate:	2,4-DCPAA		87.8 %	24-14	6	•	•			<u>`</u>

Project: Cornell-Dubilier Electronics Project Number Cornell-Dubilier Electronics G-238 Project Manager Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C Waste Stream Technology Inc.

Analyse	Result	Reporting Limit	Units.	Dilution	Batch	Prepared	Analyzed	Method	Notes
2238-Oil Tank-Wall-1-4-122106 (6L22008-0) Soil	Sampled: 12/2	1/06 09:30	Rece	ived: 12/2:	2/06 15:00			
yridine	ND	8	ug/1	1	AL62718	12/27/06	12/27/06	8270C-ICLP	U
,4-dichlorobenzene	ND	8	•	•	•	•	•	•	U
otal cresols (o,m & p)	ND	24	•	•	•	•	•	•	บ
exachlorethane	ND	8	•	•	•	•	. •	•	ប
nitrobenzene	ND	8	•	•	•	•	•	•	บ
sachlovbutadiene	ND	8	•	•	•	•	•	•	บ
2,4,6-trichlorophenol	ND	16	•	•	•	•	•	•	U
2,4,5-trichlorophenol	ND	8	•	•	•	•,	•	•	υ
2,4-dinitrotoluene	ND	8	•	•	•	•	•	•	σ
cuchlorobenzene	ND	8	•		•	•	•	•	U
pentachlorophenol	ND	16	•	•	•	•	•	•	U
Surrogate: 2-Fluorophenol		41.4 %	14-5.	3	•	•	•	•	
Surrogate: Phenol-d6		27 2 %	10-3.	5	•	•	•	•	
hu rogate Nitrobenzene-d5		838 %	38-9	6	•	•	•	•	
Surrogate: 2-Fluorobiphenyl		76.8 %	41-9.	5	•	•	•		
Surrogate: 2,4,6-Tribromophenol		990 %	44-12	4	•	•	•	•	
Surrogate. Terphenyl-d14		119 %	42-12	7	•	•	•	•	



Sevenson/G-Jobs Project: Cornell-Dubilier Electronics

2749 Lockport Road Project Number-Cornell-Dubilier Electronics G-238 Reported:
Niagara Falls NY, 14305 Project Manager-Sam Tavelaris 01/09/07 15:05

Conventional Chemistry Parameters by EPA Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzod	Method	Notes
G238-Off Tank-Wall-1-4-122106 (6L22008-01) Seil	Sampled: 12/21	/06 09:30	Rece	ved: 12/22	L/06 1:5:00			
Hq	5.04	0 10	pH Units	1	AL 62722	12/27/06	12/27/06	EPA 9045C	
% Solids	96.8	0.1	%		AL62801	12/27/06	12/28/06	% calculation	

Project: Cornell-Dubilier Electronics
Number:Cornell-Dubilier Electronics G-7

Project Number:Cornell-Dubilier Electronics G-238
Project Manager:Sam Tayelaris

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Physical Parameters by APHA/ASTM/EPA Methods

Waste Stream Technology Inc.

Analyto	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzod	Method	Notes
G238-Oil Tank-Wall-1-4-122106 (61.22008	41) Soli	Sampled: 12/2	1/06 09:3	Rece	ived: 12/2	2/06 15:00	•		
Ignitability by Flashpoint	>200		deg F	1	AL62720	12/27/06	12/27/06	EPA 1010	
Reactive Cyanide	ND	40.0	mg/kg	•	AL61930	12/22/06	12/22/06	Section 7332	υ
Reactive Sulfide	ND	40.0	•	•	AL61929	•	12/22/06	Section 7342	Ū

Project: Carnell-Dubilier Electronics

Project Number Cornell-Dubilier Electronics G-238

Project Manager Sam Taveluris

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TCLP Metals by 6000/7000 Series Methods - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level		Source Rendt !	GREC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62707 - EPA 7478A Leach	-			•				· · · · · ·	•		
Bissk (AL62707-BLK1)	-			Prepared	æ	Analyzed	12/2	7/06			
Messary	ND ND	0.001	mg/L			. 					1
LCS (AL62707-BS1)				Prepared	æ	Analyzed:	12/2	7/06			
Meroury	0.00341	100 0	mg/L	0.00933			102	80-120		· · · · · ·	
LCS (AL62707-BS2)				Prepared	æ	Analyzed:	12/2	7/06			
Mexury	0.00351	0 001	mg/L	0 00333			105	80-120			•
Matrix Spike (Al.62707-MS1)	Sou	rce: 6L2000!	-04	Prepared	æ	Analyzed	12/2	7/06			
Mercury	0 00342	0.001	mg/L	0 00333		ND	103	75-125			
Matrix Spike Dup (AL62797-MSD1)	Sou	ree: 6L2000	P-04	Prepared	æ	Analyzed	12/2	7/06			
Meroury	9,00356	0 001	mg/L	0.00333		ND	107	75-125	4 01	25	
Baich AL62711 - EPA 3015 Lencha	te			<u> </u>							
Blank (AL62711-BLKI)				Prepared	æ	Analyzed	12/2	7/06 ·			
Silver	ND	0 025	mg/L								,
Arsenic	ND	0.045	•								,
Barlum	0 062	0 025	•								
Cadmium	ND	0 025	-								. 1
Chromium	ND	0 025	•								
Lead	ND	0.075	•								1
Selenium	ND	0 095	•								1
LC3 (AL62711-BS1)				Prepared	æ	Analyzed	12/2	7/06			
Silver	1 14	0 025	mg/L	111			103	\$0-120			
Arsenie	1 18	0.045	•	1 11			106	80-120			
Berjam	1.20	0 025	•	111			108	80-120			
Cadmium	1.17	0 025	•	111			105	\$0-120			
Chromium	1 97	0.025	•	111			964.	80-120			
Lead .	111	0 075	•	111		:	100	80-120		•	
Selenium	1 19	0.095	•	111			107	80-120			

Project: Cornell-Dubilier Electronics

Project NumberCornell-Dubilier Electronics G-238
Project ManagerSam Tavelaris

Reported: - 01/09/07 15:05

TCLP Metals by 6000/7000 Series Methods - Quality Control Waste Stream Technology Inc.

-		Reporting		Spike	Source		XREC		RPD	
Analyte	Remit	Limit	Units	Lord	Result	%REC	Limits	RPD	Limit	Notes
Batch AL62711 - EPA 3015 Leachate		·								
LCS (AT.62711-RS2)				Prepared	& Analyz	ed: 12/27	7/06			
Silver	1 09	0.025	mg/L	111		98.2	80-120			
Americ	1 12	0 045	•	111		101	80-120			
Berluna	1:12	0 025	•	1.11		101	80-120			
Cadmium	1 10	0.025	•	F 11		99.I	80-120			
Chronium	1.01	0.025	•	1 11		91 0	80-120			
end	1.06	0 075	•	111		95 5	80-120			
Selegium	111	0 095	•	1.11		100	80-120			
Antrix Spike (AL62711-MS1)	Sour	ce: 61.26005	-01	Prepared	& Analyz	edt 12/27	7/06			
Silver	1.16	0 025	mg/L	111	ND	105	75-125			
Assenie	1 19	0 045	•	1.11	0.010	106	75-125			
Santono	1 96	0.025	•	1 11	0 825	102	75-125			
Cadmium	1 15	0.025	•	111	0 009	103	75-125			
Chromium	1 07	0 025	•	1.11	ND	96.4	75-125			
Lend	111	0.075	•	111	ND	100	75-125			
Schesium	1 20	0.095	•	111	ND	108	75-125			
Matrix Spike Dup (AL62711-MSD1)	Sour	ce: 6L26005	5-01	Prepared	& Analyz	ed: 12/2	7/06			
Silver	1.14	0 025	mg/L	111	ND	103	75-125	1 74	25	
Arsenic	1 18	0.045	•	1 11	0100	105	75-125	0 844	25	
Serium	1.93	0.025	•	111	0 825	99.5	75-125	1.54	25	
Cadmium	1.14	0 025	•	1.11	0 009	102	75-125	0.873	25	
Chromium	1.05	0 025	•	111	ND	94 6	75-125	1 89	25	
Lead	1 10	0 075	• .	1 11	ND	99 1	75-125	0 905	25	
Selenium	1.21	0.095	•	1 11	ND	109	75-125	0 830	25	

Project: Cornell-Dubilier Electronics
Project Number-Cornell-Dubilier Electronics G-238
Project Manager-Sam I avelaris

Reported: 01/09/07 15:05

Polychlorinated Biphenyls by EPA Method 8032 - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	WREC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62716 - EPA 3550B										
Blank (AL62716-BLK1)				Prepared	& Anal	yzed: 12/27	7/06			
Aroclor 1016	ND	3 30	ug/kg we	ì						1
Aroclor 1221	ND	3.30	•							1
Areclor 1232	MD	3 30	•							1
Arector 1242	ND	3 30	•							1
Aroclor 1248	ND.	3 30	•							1
Asocior 1254	ND	3 30	•							1
Axocior 1260	ND	3 30	•							1
Sur rogate. Tetrachioro-meta-xylene .	19 1		•	167		114	61-140			
Swrogate: Decachiorobtphenyi	146		•	16.7		87 4	56-136			
LCS (AL62716-BSI)				Prepared	& Anal	yzed: 12/2	7/06	-		
Aroclar 1016	379	3 30	ng/kg we	t 33.3		114	75-148			
Arocler 1260	35.1	3 30	•	33 3		105	62-142			
Sur rogate Tetrachloro-mens-xylene	19.8		,	167		119	61-140			
Sin ruguis. Decachiorobiphenyl	15 8		•	16.7		94 6	56-136			
LCS Dup (AL62716-BSD1)				Prepared	& Ana	lyzed: 12/2	7/06			
Arocles 1016	36.9	3 30	ug/kg we	1 33.3		111	75-148	2.67	200	
Asociae 1260	34.9	3 30	•	33 3		105	62-142	0 571	200	
Surrogate: Tetrackloro-meta-xylene	18 6		•	167		111	61-140			
Sta regate: Decachlorobtphenyl	16 1		•	16.7		- 96 4	56-136			

Project Cornell-Dubilier Electronics

Project Number Cornell-Dubiller Electronics G-238

Project Manager Sam Tavelaris

Reported: 01/09/07 15:05

TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	WREC	%REC Limits	RPD	RPD Limit	Notes
Satch AL62704 - EPA 1311/ZHE										
Hank (AL62704-BLKI)				Prepared	& Analy	zed: 12/27	//06			
inyl chloride	ND	10	1g/l							,
,1-dichloroethene	ND	10	•							
-butmone	ND	100	•							
hicroform	ND	10	•							
arbon tetrachioride	ND	10	•							
ocnacue	ND	10	•							
,2-dichloroethane	ND	10	•							
nichloroethene	ND	10	•							
etrackloroethone	ND	10	•							
Marobenzene	ND	10	•							
I,A-dichlorobenzens	ND	10	•							
larroguie. Dibromoftsoromethane	28.6		ng/m²	30 0		95 3	75-125			
Surrogate: 1,2-Dichleroethane-dl	29 6		•	30.0		98.7	66-128			
Surrogate: Tohuno-di	28 1		•	30 0		93.7	81-118			
Set rogate: Branofluorobenzene	28 2			30.0		94 0	85-123			
LCS (A1.62704-BS1)				Prepared	& Analy	/zed: 12/2	7/06			
vinyl chloride	147	10	1/g 0	200		73 5	57-127			
1_3-dichlorocthese	175	10	•	200		87.5	70-123			
2-butanous	246	100	•	200		123	66-156		•	
chloroform	187	10	•	200		93 5	71-130			
carbon tetrachloride	185	10	•	200		92.5	70-125			
benzene	184	10	•	200		9 2 0	78-119			
1.2-dichloroethme	194	10	•	200		97 O ·	75-125			
trickloroethent	184	10	-	200		92 0	78-118			
tetrachiloroethene	192	10	•	200		96.0	71-119			
chlorobenzene	186	10	•	200		93 0	81-115			
1,4-dichlorobenzene	191	10	•	200		95.5	75-120			
Surogate: Dibromefluoromethime	29 4		ng/ml	30.0	-	98 0	75-125			
Surrogate: 1,2-Dichlorosthano-di	28.3		•	30 0		94.3	66-128			
Surrogate: Tolutne-d8	28 4		-	30 0		947	8]-1]8			
Surrogatu: Bromofuerobenzene	27.5		-	30 0		91.7	85-123			

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Project Connell-Dubilier Electronics

Project Number-Connell-Dubilier Electronics G-238

Project Manager-Sam Tavelaris

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TCLP Volatile Organic Compounds by EPA Method 1311/8260B - Quality Control Waste Stream Technology Inc.

		Reporting	٠	Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Remait	*CREC	Limits	RPD	Limit	Notes
Batch AL62704 - EPA 1311/ZHE										
Matrix Spike (AL62794-MSI)	Source	e: 61.22000	J-01	Prepared	& Analyz	zed: 12/27	/06			
vinyl chloride	153	10	υ φ/1	200	•	76.5	54-125			
1,1-dichloroethene	172	10	•	200	0	86 0	70-123			
2-betancee	226	100	•	200	0	113	59-177			
ohloroform	193	10	•	200	•	96 5	71-124			
curbon tetrachionide	181	10	• .	200	0	90 5	67-114			
bunsene	186	10	-	200	0	93 0	81-114			
1,2-dichleroethane	192	10	•	200	0	96 0	74-123			
trichlororthene	201	10	•	200	16	92.5	73-119			
etrachieroethene	192	10	•	200	0	96 0	72-116			
chlorobenzene	192	10	•	200	0	96 0	81-113			
1,4-dichlorobenzene	184	10	•	200	0	92 0	77-115			
Surrogate: Dibromoftworomethans	29.0		ng/ml	300		967	75-125			<u>-</u>
Surrogate: 1,2-Dichloroethane-df	29 5		•	30 0		98 3	66-128			
Surragute: Taluano-d8	29.1		•	30 0		97 0	81-118			
Surrogate: Bromofluoroberaene	27 2		-	30 0		90.7	#5-/23			

Project: Cornell-Dubilier Electronics Project Number:Cornell-Dubilier Electronics G-238 Project Manager Sam Tavelaris

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.TCLP Pesticides by EPA Method 1311/8081A - Quality Control Waste Stream Technology Inc.

Analyte	Remit	Reporting Limit	Units	Spike Level	Source Result	XREC	KREC Limits	RPD	RPD Limit	Notes
Setch AL62717 - EPA 3510C Leachate										
Blank (AL62717-BLK1)				Prepared:	12/27/06	Analyzed	t 12/28/0	6		
Gamma-BHC (Lindane)	ND	0 040	ug/i							
Heptachlor	ND	0 040	•							
Heptachlor Epoxide	ND	0.040	•							
Endrin	ND	0 040	•							
Methoxychilos	ND	0.040	•							
Chlerdane	ND	0 800	-							
I oxaphene	ND	0 040	•							
Surrogate: Tetrachloro-meta-xylene	1.87		-	2 00		93.5	55-135			
Surrogate: Decachlorobiphenyl	1 28		•	2.00		64 0	58-130			
LCS (AL62717-BS1)				Prepared:	12/27/06	Analyzed	: 12/28/0	16		
Gamena-BHC (Lindane)	1 12	9 040	ng/i	1 20		93.3	72-128			
Hoptachlor	1 17	0 040	•	1 20		97 5	78-130			
Heptachlor Epoxide	1 15	0.040	•	1 20		95.8	68-128			
Endrin	1.23	0 040	•	1 20		102	73-143			
Methoxychior	1.60	0 040	•	1 20		133	73-136			
Parragate Tetrachioro-meta-xylene	195		•	2 00	····	97 5	55-135			
Surrogate. Decuchlorobiphenyl	1 33		-	2.00		66.5	58-130			
LCS Dup (AL62717-BSD1)				Prepared:	12/27/06	Analyzed	t 12/28/0	6		
Gamma-BHC (Lindane)	1.09	0 040	ug/l	1 20		90 8	72-128	2.71	25	
leptachlor	1.16	0 040	•	1 20		96.7	78-130	0 85E	25	
Reptachlor Epozide	1 13	0.040	•	1.20		94 2	68-128	1 75	25	
India .	122	0.040	•	1 20		102	73-143	0 816	25	
Methoxychlor	1.61	0 040	•	1.20		134	73-136	0 623	25	
Sur rogate: Tetrachioro-meto-xylene	1.83			2 00		915	55-135			
Surrogate: Decachiorobiphenyl	1 45		•	2.00		72 5	58-130			

Project: Cornell-Dubilier Electronics

Project Number, Cornell-Dubilier Electronics G-238

Project Manager, Sam Invelaris

s G-238 Reported: 01/09/07 15:05

TCLP Herbicides by EPA Method 1311/8151A - Quality Control

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62804 - EPA 3519C Len	hate							<u>. </u>	:	
Blank (AL62804-RU.K1)				Prepared	& Analy	zed: 12/2	3/06			
2,A-D	ND	20 0	#g/l							
2,4,5-IP (Silvex)	ND	20.0	•							1
Surrogate: 2,4-DCPAA	370		•	400		92 5	24-148		-	
LCS (AL62804-RSI)				Prepared	& Analy	zed: 12/2	8/06			
2,4-D	408	20 0	eg/l	400		102	57-151			
2,4,5-IP (Silvex)	408	20.0	•	400		102	70-144			
Sur rogate: 2,4-DCPAA	395			100		98.8	24-146			
LCS Dep (AL62894-BSD1)				Prepared	& Analy	zed: 12/2	8/06			
2,4-D	378	20.0	ng/l	400		94.5	57-151	763	30	·
2,4,5-IP (Silvex)	378	20 0	•	400		94.5	70-144	7 63	30	
Surrogate. 2,4-DCPAA	. 347		•	400		86.8	24-146			

Project Cornell-Dubilier Electronics

Project Number:Cornell-Dubilier Electronics G-238
Project Manager:Sam Invelorie

Reported: 01/09/07 15:05

RPD

%REC

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control Waste Stream Technology Inc.

Reporting

Analyte	Result	Limit	Units	Level	Result	NREC	Limits	RPD	Limit	Notes
Batch AL62718 - EPA 3510C Lo	eschate									
Blank (AL62718-BLK1)				Prepared	& Analy	zed: 12/2	7/06			
pyridine	ND	8	ug/l							U
1,4-dichlorobenzene	ND	8	•							τ
Total cresols (o,m & p)	ND	24	•							τ
hexachloroethane	ND	8	•							τ
nitrobenzene	ND	8	•							τ
bezachlorobuzadiene	ND	8	•							τ
2,4,6- uichloròphen ol	ND	16	•							t
2,4,5-trichlorophenol	ND	8	•							υ
2,4-dinitrotolnene	ND	8	•							τ
besachlorobenzene	MD	8	•							τ
pentachlorophenoi	ND	16	•							Ū
Surrogate 2-Fluorophenol	363		•	800		45.4	14-53			
Surrogate: Phenol-d6	225		•	800		28 [10-35			
Su rogate: Nitrobenzene-d5	347		•	£00		86 8	38-96			
Surregate 2-Fluorobiphenyl	339		-	400		81.8	41-95			
Surregate: 2,4,6-Tribromophenol	810		•	809		101	44-124			
Starogate: Terphonyl-dI4	427		•	400		107	42-127		•	
LCS (AL62718-BSI)				Prepared	& Analy	zed; 12/2	7/06			_
pyridine	49.0	*	ng/l	200		24.5	7-52			
1,4-dichlorobenzene	109		•	200		54 5	46-95			
Iotal cresois (o,m & p)	212	24	•	400		53 0	37-76			
hemchloroethane	104	8	•	200		52.0	44-101			
nitrobenzene	147	8	•	200		73.5	61 -9 3			
hexachlorobutadiene	122	8	•	200		61.0	51-114			
2,4,6- trichlorophen ol	164	16	•	200		82.0	62-101			
2,4,5-trichlorophenol	172	8	•	200		86 0	<i>59</i> -105			
2,4-dinitrotolucae	177	8	•	200		88 5	72-113			
heuschlorobenzene -	175	. 8	•	200		- 87.5	67-127			
pentachiorophenol	181	16	•	200		90.5	59-132			
Surrogate: 2-Fhiorophenol	322		•	800		10.2	14-53			
Surrogate. Phenol-d6	214		•	800		268	76-35			
Surrogate: Nitrobensene-d5	324		•	490		8] 0	38-96			
Surrogate: 2-Fluorobiphenyl	323		•	400		80 8	41-95			
Surrogate: 2,4,6-Tribromaphenol	806		•	800		101	44-124			
Surrogute Terphenyl-dl4	454		•	400		114	42-127			

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety

Project: Cornell-Dubilier Flectronics

Project Number, Cornell-Dubilier Electronics G-238

Project Manager, Sam I avelaris

Reported: 01/09/07 15:05

TCLP Semivolatile Organic Compounds by EPA Method 1311/8270C - Quality Control . Waste Stream Technology Inc.

Annlyte	Result	Reporting Limit	Uzdts	Spike Level	Source Result	%RBC	%REC Limits	RPD	RPD Limit	Notes
Batch AL62718 - EPA 3510C Leachate										
LCS Dup (AL62718-BSD1)				Prepared	& Analyz	ed: 12/27	706			
pycidine	87 0	8	ug/l	200		43.5	7-52	55.9	30	
1,4-dichlorobenzene	130	8	•	200		65.0	46-95	176	30	
Total cresols (o.m & p)	230	24	•	400		57 5	37-76	8 14	30	
heuschloroethese	124	8		200		62.0	44-101	17.5	30	
nigobenzene .	167		· -	200		\$3.5	61-93	127	30 .	
hexachlorobutadiene	143		•	200		71 5	51-114	158	30	
2,4,6-tricklorophenol	176	. 16	•	200		0.88	62-101	7 06	30	
2,4,5-trichlorophenol	185	8	•	200		92 5	59- 105	7 28	30	
2,4-dimitrotobene	187	8	•	200		93 5	72-113	5 49	30	
hemehlorobemene	183		•	200		91.5	67-127	4 47	30	
pestachlorophenol	198	16		200		99 0	59-132	8 97	30	
Surrogate. 2-Fluorophenal	367			800		459	14-53			
Surrogate: Phenol-d6	231		•	800		28 9	10-35			
Surrogate: Nurobensene-d5	375		-	400		93.8	38-96			
Surrogane: 2-Fluorobiphenyl	354		•	400		88 5	41-95			
Surrogate: 2,4,6-Tribromophenol	864		•	800		108	44-124			
Surrogente: Terphenyl-d14	165		•	400		116	42-127			

Project Cornell-Dubilier Electronics

Project Manager Sam Isvelaris

Froject Manager Sam Isvelaris

Reported: 01/09/07 15:05

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control Waste Stream Technology Inc.

A	Result	Reporting Limit	Units	Spike Loval	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte Batch AL61929 - General Preparation	KENG									
				Premared:	12/15/06	Analyzed	: 12/19/0	6.		
Blank (AL61929-BLK1) Reactive Sulfide	ND	40.0	mg/kg	I lopulou.		,	•	<u>- </u>	<u>_</u>	
LCS (AL61929-BS1)				Prepared:	12/15/06	Analyzod	: 12/19/0	6		
Reactive Sulfide	409	40.0	mg/kg	505		81.0	66-109			
Batch AL61930 - General Preparation Blank (AL61930-BLK1)		······································		Prepared:	12/15/06	Analyzed	t 12/19/0	6		
Reactive Cyunide	ND	40.0	mg/kg							
LCS (AL61930-BSI)				Prepared:	12/15/06	Analyzed	t 12/19/0	6		
Reactive Cymide	79 I	. 40.0	mg/kg	849		9 32	7-12			
Batch AL62720 - General Preparation					·· <u>·</u>					
LCS (A1.62720-BS1)				Prepared	& Analyz	zed: 12/27/	06			
Ignitability by Flashpoint	\$2		deg F	810		101	80-120			

Sevenson/G-Jobs	Project: Cornell-Dubilier Electronics	
2749 Lockport Road Projec	Number Cornell-Dubilier Electronics G-238	Reported:
Niagara Falla NY, 14305 Projec	Manager Sam Tavelaris	01/09/07 15:05

Notes and Definitions

U	Analyte included in the analysis, but not detected
8-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
В	Analyte is found in the associated blank as well as in the sample (CLP B-flag)
*	Denotes RPD is outside QC limits
DEI	Analyte DETECTED
ND	Analyse NOT DETECTED at or above the reporting limit
NR	Not Reported
фу	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

6L22008

Waste Stream Technology Inc.

Client: Sevensop/G-Jobs Project Managers Dan Vollmer Project: Cornell-Dubilier Electronics Project Number: Cornell-Dubilier Electronics G-238 Invoice To: Becert To: Sevenbon/G-Jobs Sevenson/G-Jobs Al LaGreca Sam Tavelaris 2749 Lockport Road 2749 Lockport Road Niagara Falis, NY 14305 Niagara Falls, NY 14305 Phone:(716) 284-0431 Phone: (716) 609-1775 Fax: (716) 285-4201 Fax: (716) 284-1796 Date Received: 12/22/06 15:00 12/28/06 17:00 (3 day TAT) Date Due: Date Logged In: 12/22/06 15:08 Received By: Kevin Burke 1Z 163 1AX 22 1005 8016 Tracking No.: Kevia Barke Logged in By: Samples Received at: 2.5°C Shipped By: UPS Also fax report to Ken Prisley, SES NF ser received brokens o > 6.0 er detected radioactivity a AOV else COC not signed/filled out prop-Comments TAT. Rynices. Amalweis 6L22008-01 G238-Oil Tank-Wall-1-4-122106 [Soil] Sampled 12/21/06 69:30 Bastern-01/04/07 09:30 3 TCLP ZHE Extraction 12/28/06 15:00 1 01/04/07 09:30 TCLP Betraction 1311 12/28/06 15:00 Solids, Dry Weight 12/28/06 15:00 3 06/19/07 09:30 3 01/04/07 09:30 PCBs by 8082 12/28/06 15:00 3 12/31/06 09:30 Pall TCLP + RCRA Cher 12/28/06 15:00 aH Check:

Agalysis groups included in this work order

Full TCLP + RCRA Char.

Reactive Sulfide Iznitability-1010 Reactive Cyanide HE TCLP CVAA pH soil 9045

Metals RCRA TCLP ICP

8151 TCLP Herbicides

8081 TCLP Pesticides

8270 TCLP

8260 TCLP

Page 1 of 1

Army Corp. of Engineers Sample Receipt Form

	LIMS /	No. of Coolure	
	MRD Cooler #	Contract Cooler B	L/W/ /
	PROJECT: GES COME! - Dubilier	Date Received: / Z	127/06
7	USE OTHER BIDE OF THIS FORM TO NOTE DETAILS CONCE	enning CHECK-IN PROBL	EMS.
	A. PRELIMINARY EXAMINATION PHASE: Data cooler was opened: 166	(print): Ker	in Burke
			•
I,	1. Did spoler come with shipping slip (sirbil) ent): If yes enter certain name 6, while number here: VIS LZ-103 IAX Z	2 1005 80	16 NO
<i>,</i>	2. Wars curriedy sails on outside of cooled? — FOMT S	de	2/2/10g NO
	3. Were suctody seeks unbroken and intest at the date and time of arrival?	YES	NO
	A. Did you screen samples for radioactivity using a Galger counter?	YES.) но
	B, Were custody papers socied in a plantic bag & taped inside to the lid?	YES) NO
	8. Were sustady papers filled out propesly (ink, signed, eat)?	ACS	No
	7. Did you sign the custody papers in the appropriate places?	YES	NO
`	8. Was project identifiable from the custody forms? If YES, enter project name at the top of this form.	YES) NO
	9. If required, was anough ice used? Type: Bugged Ito	YES	NO S 19.17.7.100
_	10, Have designated person initial here to ecknowledge receipt of cooler:	A STATE OF THE PARTY OF THE PAR	Idetel CTUTOS
	B. LOG-IN PHASE Pare complet were logged for 2/2/06	brint): Ke	vin Burke
	11. Describe type of peaking in cooler: Bubble UN	y	
	12. Were all bottles scaled in separate pleatic begs?	YES	NO NO
	13. Did all bottles arrive unbraken and were lebals in good condition?	CES	NO NO
	14. Were all labels complete(iD, date, time, signature, preservation)?	C C C C C C C C C C C C C C C C C C C	NO ~
	15. Did all bottle lebels agree with austody papers?	YES	NO
	16. Ware contest containers used for the tests indicated?	YES	No }
	17. Were correct preservatives added to samples?	YES	NO
	18. Was a sufficient amount of sample sent for tests indicated?	YES	NO
	19. Were bubbles absent in VOA samples? If NO, list by sample #:	YES	NO
	20. Was the project manager called and status discussed? If YES, give details on the beck of this form.	YES	NO
	21. Who was called?	Colo:	
	By whom?		Waste Stream

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Appendix F

Manifests/ Certificates of Disposal

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ı	Î		IFORM HAZARDOUS NASTE MANIFEST		Number	5 5 7 8 7	2. Page 1 of	3. Emergency Respon	nee Phone	4. Manif	of Tracking	m Approved. C	MB No. 2050-00
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П	I		1550 Ralmon	Dood	Vices, LL	C				U.S. EPAIL	Number 4	9836	670
Н			1550 Balmer 716-75	.044 :54-8 <i>2</i>	, model C	ity, NY I	4107					, , , ,	U / Y
Ħ	ŀ		Y 8 PRODEC							1			
Ш	ı	9a. HM	9b. U.S. DOT Description and Packing Group (if an	n (including 1y))	Proper Shipping Nan	ne, Hazard Class, ID No	umber,	10. Conta	ners	11. Total	12. Unit	I ———	
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	٦	7 g G	enerator's Name and Mailing	Address		Ga			بالاياب	413	743	12 J	IJK
	1	1	US EPA KEGTO	n II/Cornell-Du	pilier Supe	rfund Si	te	es (n ameieu	ode primem nam v Same	7 0 65)			
	ı	1	222 HOWLLEDD	Boulevard. Sim	Plainfield.	NJ 0708	in .		June		•	•	
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H		Freehold Cartage, Inc.	• •			INJ	00	5 4 1	2 6 1	6 4
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	8. 54	colonated Facility Name and Site Address CNM Chemical Services, LLC		<u>-</u>		U.S. EPA ID N				
ı	Į	1550 Balmer Road, Hodel City, NY	1.4107			NYD	0 4	983	66	7 9
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UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone WASTE MANIFEST N J D 9 8 1 5 5 7 8 7 9 1 716-998-4542	4. Manifest		743	1 J	JK
5. Generator's Name and Mailing Address Generator's Site Address (if differently Site Address) 1. S. Generator's Site Address (if differently Site Address)	nt then meilling address	88)			<u> </u>
US EPA Region II/Cornell-Dubilier Superfund Site 333 Hamilton Boulevard, S. Plainfield, NJ 07080	Same				
Generator's Phone: 908-769-5301		•			
6. Trainsporter 1 Company Name	U.S. EPA ID I	Number			
Freehold Cartage, Inc.			5 4 1	261	6 4
7. Transporter 2 Company Name	U.S. EPAID				<u> </u>
6. Designated Facility Name and Sife Address				·	
CWM Chemical Services, LLC	U.S. EPAID				
1550 Balmer Road, Model City, NY 14107	NYU	U 4	983	0 6	7 9
Facility's Phone: 716-754-8231	1				
9a. 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers	11. Total	12. Unit			
HIM and Packing Group (ff any)) No. Type	·	Wt./Vol.	13.	Waste Cod	es
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14. Special Handling Instructions and Additional Information					<u> </u>
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PCB Out-of-Service Date: 12/28/06 ** CD Reg'd **		Æ.			
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CWM CHEMICAL SERVICES, LLC

1550 Belmer Road P.O. Box 200 Model City, NY 14107 (716) 754-8231 (716) 754-0211 Fax

USEPA- CORNELL-DUBILIER ATTN: ENVIRONMENTAL COMPLIANCE DEPT NJD981557879 333 HAMILTON BLVD SOUTH PLAINFIELD NJ 07080

CERTIFICATE OF DISPOSAL

CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from USEPA- CORNELL-DUBILIER on 02/21/07 as described on Shipping Document number 001757432JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: VG4062 CWM Tracking ID: 8161247001 CWM Unit #: 1*0

Disposal Date: 02/21/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR DISTRICT MANAGER Certificate # 301528 02/22/07

For questions please call our Customer Service Dept. at (800) 843-3604



CWM CHEMICAL SERVICES, LLC

1550 Balmer Road P.O. Box 200 Model City, NY 14107 (716) 754-8231 (716) 754-0211 Fax

USEPA- CORNELL-DUBILIER ATTN: ENVIRONMENTAL COMPLIANCE DEPT NJD981557879 333 HAMILTON BLVD SOUTH PLAINFIELD NJ 07080

CERTIFICATE OF DISPOSAL

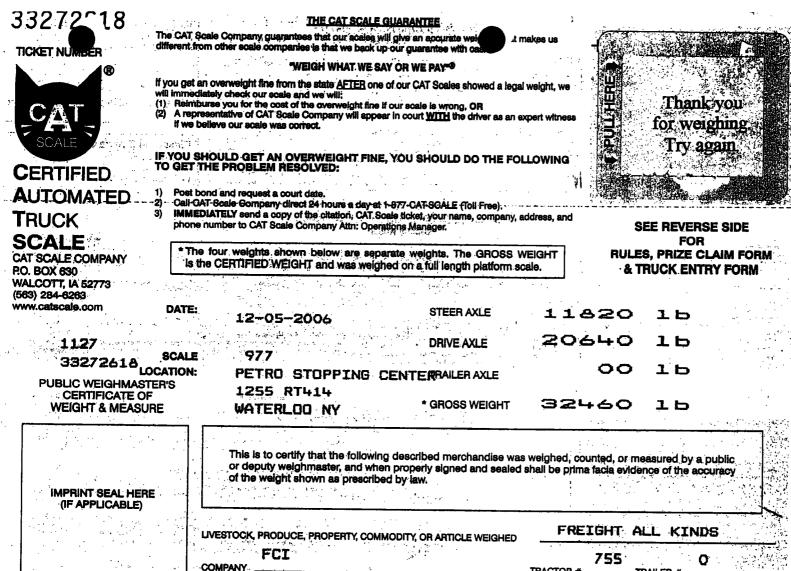
CWM CHEMICAL SERVICES, L.L.C., EPA ID: NYD049836679, has received waste material from USEPA- CORNELL-DUBILIER on 02/21/07 as described on Shipping Document number 001757431JJK Sequence number 01. CWM CHEMICAL SERVICES, L.L.C. hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: VG4062 CWM Tracking ID: 8161246901 CWM Unit #: 1*0 Disposal Date: 02/21/07

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

MICHAEL D MAHAR DISTRICT MANAGER Certificate # 301527 02/22/07

For questions please call our Customer Service Dept. at (800) 843-3604



TRACTOR #

WEIGH NUMBER 2618

WEIGHMASTER OR WEIGHER SIGNATURE

BRANDON BARNER

FULL WEIGH TICKET # (IF REWEIGH)

TRAILER #

CUSTOMER COPY

© CAT Scale Company® 08/06

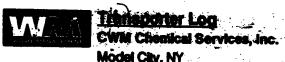
DRIVER IN TRUCK UNLESS CHECKED HERE:



150080

Cubic Yards

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Cubic Yards

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33080734

TIÇKET NUMBÉR



CERTIFIED **A**UTOMATED TRUCK

SCALE CAT SCALE COMPANY P.O. BOX 630 WALCOTT, IA 52773 (563) 284-6263 www.catscale.com

33080734

755

THE CAT SCALE GUARANTEE
The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.

"WEIGH WHAT WE SAY OR WE PAY"

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, OR

A representative of CAT Scale Company will appear in court WITH the driver as an expert witness If we believe our scale was correct.

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

Post bond and request a court date.

Post porto arti request a court date.

Call CAT-Scale Company direct 24-hours a day at 1-877-CAT-SCALE (Toil Free).

IMMEDIATELY send a copy of the citation, CAT Scale ticket, your name, company, address, and phone number to CAT Scale Company Attn: Operations Manager.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT was weighed on a full length platform scale.



SEE REVERSE SIDE FOR **RULES, PRIZE CLAIM FORM** & TRUCK ENTRY FORM

DATE: 12-01-2006

LOCATION: PILOT TRAVEL

I-84 EXIT 6

NEWBURGH NY

FREHOL

COMPANY

SCALE 976

10780 STEER AXLE 1 b

DRIVE AXLE

18920 TP

TRAILER AXLE

ュゥ

* GROSS WEIGHT 297 〇〇

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

IMPRINT SEAL HERE (IF APPLICABLE) JEIGH NUMBER

0734

FEE. 50

WEIGHMASTER OR WEIGHER SIGNAT

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED

705 TRACTOR#

FREIGHT ALL KINDS

O TRAILER #

FULL WEIGH

TICKET # (IF REWEIGH)

CUSTOMER COPY

DRIVER IN TRUCK UNLESS CHECKED HERE:

CAT Scale Company® 08/06

Appendix G

Bill of Ladings

FIEOSIVED, subject to the classifications and terriffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property overall or any portion of said route to destination and as to each perty at any time interested in all or any of said property, that every service to be performed hareunder ehall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of leding terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns. CORNELL DUBLIER SUPERFUND SITE

SHIPPER

EPA REGION II

CARRIER PER

DATE

Pioneer Crossing LandfillTickets PC 233961 727 Red Lane Road Birdsboro, PA 19508 12 March 2007 10:48 am Phones (610) 582-2 12 March 2007 lirie am 004612 SEVENSON ENVIRONMEN 1405 NORTH MILL ROAL SERVICES PA 9F44949 VINELAND, NJ 08360 Contract: 4612-506-08HL Reference: 01 Gross Weight Tare Weight 28.386 Net Weight 22,680. Quantity Unit Description Total 11.34 TH 79 EM*J 506 Spill Residues 1.00 LD T7 EM*3 Transportation kmountz Weighmasters Patty Updegrove -PA:060484 Original and Copies 2 & 3 FacilityCopy 4 - Purchaser

Pioneer Crossing LandfillTicket: 727 Red Lane Road Birdsboro, FA 195064

233961

12 March 2007 12 March 2007

10:48 am 11:12 am

004612

SEVENSON ENVIRONMEN ALL 1405 NORTH MILL ROAL VINELAND, NJ 08360

SERVICES

PA AF44949

Contract: 4612-506-0SHL

Thone: (610) 582-2

Reference:

01 Gross Weight

Tare Weight 28,366 2 Net Weight 22,680.3

"Quantity Unit Description

TN 79 [M*] 506 Spill Residues 11.34

1.00 LD T7 EM*1 Transportation

mounts endered :

Weighmaster:

Patty Updegrove-PA:060484

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

STRAIGHT BILL OF LADING-SHORT FORM-NOT NEGOTIABLE **MEMORANDUM 3** CORNELL DUBILIER SUPERFUND SITE From US EPA REGION II 333 HAMILTON BOULEVARD AL SHIPPER'S NO. S. PLAINFIELD, NJ 07086 LOAD # COTK 12-002 07 PIONEER CROSSING LANDFILL CARRIER'S NO. 727 REB LANE ROAD CONSIGNEE BIRDSBORG, PA 19508 PALIC A AF 60853 AND **ROUTE** VARIOUS CAR OR VEHICLE INITIALS & NO. No. Shipping Units Kind of Packaging, Description of Articles Weight (Subject to Correction) Special Marks and Exceptions RATE CHARGES NON-HAZARDOUS CONSTRUCTION & DEMOLITION DEBRIS 24 HOUR EMERGENCY CONTACT: ROB THOM (ELK ENV.) 600-851-7156 LOCATION: Cluster 12 0. Note-Where the rate is dependent on value, shippers are Subject to Section 7 of the conditions, if this shipment is to be required to state specifically in writing the agreed or declared value FREIGHT CHARGES lignee without recourse on the consignor, the of the property. consignor shall sign the following statement. The agreed or declared value of the property is hereby specifically Check Appropriate Box: The carrier shall not make delivery of this shipment without paystated by the shipper to be not exceeding ment of freight and all other charges. Freight prepaid Collect (Signature of Consignor) FECSIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, other each carrier of ell or any of, said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder vise to deliver to another cernier on the route to said destination. It is multivally agreed as to shall be subject to all the bill of leding terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the bill of leding terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his essigns. CORNELL DUBLIER SUPERFUND SITE SHIPPER US EPA REGION II CARRIER

COTK12-00

Pioneer Crossing LandfillTicket:

727 Red Lane Road

Birdsboro, PA 19508

Phone: (610) 582-2

234009

12 March 2007

12 March 2007

12:46 pm 1:37 pm

004612

SEVENSON ENVIRONMENT SERVICES 1405 NORTH MILL ROAL VE

VINELAND, NJ 08360

AE60853

Contract: 4612-506-08HL

Reference:

01 Gross Weight

Tare Weight

27, 126

Net Weight 38, 240. 84 11

Quantity Unit Description

TN 79 CM*1 506 Spill Residues. 19.12

1.00 T7 EM*3 TyansAortation L.D

Weighmaster:

White - FA-062036

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Total

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Vo. pping nits	Kind of Packaging, Description of A Special Marks and Exception	8		Weight (Subject to Correction)	RATE	CHARGES
-	NON-HAZARDOUS CONSTRUCTION & DEMOLI	TION DEBRIS		21.7 ton		
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ropercy un cernier of be aubject oper hereb off and his	bject to the classifications and tariffs in effect on the date of the issue of this Bill of invown), marked, consigned, and destined as indicated above which said carrier (to note the contract) agrees to carry to its usual place of delivery at said destination all or any of, said property overall or any portion of said route to destination and it to all the bill of lading terms and conditions in the governing classification on the by cartifies that he is familiar with all the bill of lading terms and conditions in the said of lading terms and conditions in the said of lading terms and conditions in the said of lading terms and conditions in the lading terms and conditions in the lading terms.	, if on its route, otherwise to as to each party at any time	to deliver to anothe minterested in all or	res contract as means carrier on the route any of said property.	ng any person or con to said destination, It that every service to	poration in possession of is mutually agreed as to be performed harmonier
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Fibneer Crossing Landfill Tickete Pf; 234660 787 Red Lane Fload Birdshore, PA 195046 18 March 2007 12:43 pm Phones (61.8) 988-2 12 March 2007 וחכן אד ח 1 004612

SEVENSON ENVIRONMENTAL. BERVICE 1495 NORTH MILL ROADS UINELAND, HJ 08360 T

Contracts 4612-506-USH References

Oi Groom Weight

Tare Moight Net Weight

Quantity Unit Description

TN 79 LM41 506 Spill Residues 1.00 LD 77 EMMS Transportation

Westgirmasteris

Apric White .. PA-068036

Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

OF 19018

Fotal

Driver

CB TK12-000

Total

Pioneer Crossing LandfillTicket: 727 Red Lane Road Birdsboro, PA 19508 Phone: (610) 582-8

234063

13 March 2007 13 March 2007

6:26 am 6:47 am

004612

SEVENSON ENVIRONMENTAL SERVICES, 1405 NORTH MILL ROAD Ve

VINELAND, NJ 08360

PA AF44949

Contract: 4612-506-05HU

Reference:

01 Gross Weight Tare Weight 28,800 Net Weight 39,420.

K12-004

Quantity Units Description

79 [M*] 506 Spill Residues T7 [M*] Transportation 19.71 TM 1.00

Weighmaster:

Patty Upderrove-PA:060484
Original and Copies 2 & 3 - FacilityCopy 4 - Purchaser

Appendix H
Compaction Results

	TAL OF SHOP DRAWINGS, EQUIP	MENT DATA MAT	EDIAL CAMPLES OF	DATE					
MANUFACTURER'S CERTIFICATES OF COMPLIANCE				114110111111111111111111111111111111111					
(Read instructions on the reverse side prior to initiating this form)					04/12/2007 02320-48				
	SECTION L. REQUEST :	OP ADDROVAL O	F THE FOLLOWING ITEMS				<u> </u>		
TO: Env	ironmental Residency	EDUIT				nitiated by the o	contractor)		
US	Army Corps of Engineers	Sevenson En	vironmental Services Inc.	CONTRAC	TNO.		CHECK ONE		
214	State Highway 18	2749 Lockpoi	rt Road	W91	2DQ-04-D-00	23 0007	A SI SIHT X		
East	Brunswick, NJ 08816	Nagara Falls,	NY 14305			20 000/	THIS IS A F	ESUBMITTA	LOF
transmittal	TION SEC. NO. (Cover only one section with each	PROJECT TITLE AND	LOCATION	<u> </u>	···		TRANSMIT		
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NO.	DESCRIPTION OF ITEM SUBMITTED (Type size, model number/etc.))	MFG OR CONTR.	NO.	CONTRACT	REFERENCE	FOR	VARIATION	FOR
	,		CAT., CURVE DRAWING OR	COPIES	DOC	UMENT	CONTRACTOR USE CODE	(See instruction	CE
8.			BROCHURE NO. (See instruction no. 8)		SPEC. PARA NO.	DRAWING SHEET NO.) OSE CODE	No. 6)	CODE
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		OFOTION.		1	1	NAME AND SIGN	ATURE OF CONT	RACTOR	
NCLOSUR	ES RETURNED (List by Item No.)		III - APPROVAL ACTION						
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W F65-							1		l
VG FORM A	1025, MAR 95 (ER 415-1-10)	EDI	TION OF SEP 93 IS OBSOLETE.		SHEET 1 OF	1	<u> </u>		
					SHEET I OF	•		(Proponent	CEMP-CE)

SOR TESTING LABORATORIES, INC.

SOR TESTING LABS

Geotechnical Engineering - Materials Testing - Forensic Studies 98 Sand Park Rd., Cedar Grove, NJ 07009 (973) 239-6001 Fax (973) 239-8380

Branch Office: New Brunswick, NJ (732) 247-4481

Kamil Sor, Ph.D. Orhun Sor, P.E. Peter G. Micklus, P.E. Yllmaz Arhan, Ph.D. Kenneth Rowbotham, P.E.

This report is the confidential property of the Client, and information contained may not be published or reproduced without our written permission.

Client:	Sevenson Environmental Services	
Project:	Cornell Dubilier, G-238, 333 Hamilton Bould	evard, South Plainfield, NJ
Subject:	In-Place Density Tesitng of Quarry Process	Material
Job No.:	06-593 Report No.: 07-1132	Date: 4/4/20007

At the client's request, on April 3, 2007, our technician reported to the project site to perform in-place density tests using a Nuclear Gauge.

At the time of our visit, the backfill was already completed in two separate locations at Cluster 11 and 12 at 9" and 6" high lifts at one lift in each location. Contractor used imported Quarry Process Material with a proctor value of 142.2 lbs/ft. 3 at 8.3% optimum moisture and stated that it was compacted with big single drum ride on vibratory roller. The entire area appeared to be firm during our visual observation. Nuclear density tests were at random at two separate locations. Test results showed acceptable compactions.

The test locations and density test results are presented on the attachments (two pages).

Very truly yours,

SOR TESTING LABORATORIES, INC.

President

KS/ls

Attachments

cc: (1) Client, Attn: Ken Lickfield

Fax: 716-284-7645

PAGE 02/03

1002 1003

Q 93

SOR TESTING LABORATORIES, INC.

Geotechnical Engineering - Maledals Testing - Forensic Studies

98 Sand Park Rd., Cedar Grove, N.J. 07009 (973) 239-6001 • Fax (973) 239-8380

Branch Office: 116 - 120 Sandford St. New Brunswick, NJ 08903 (908) 494-2446 Fax (908) 247-4421 Komii šor, Ph.D. Orhun šor, P.E. Peter G. Micklus, P.E.

NUCLEAR DENSITY TEST DATA

Clent: Sevenson				4-3-01		
Project: Cornell Dubi	lier Sup	er fund sil	Job No.:	00-593 Repor	t No	
Daily Standard Count:	·		Density:	919	Moisture _	688
TEST NUMBER	ı	2	3	4	6	
Station	- CLUSTI	A 11 BH	14 ->	CCUS	TANK A	EA
Offset		on Tost	i E	Rand	an Tost	
Elevation	- FIN	AC GRAD	€ →	4. G	10 -	
Mode & Depth (inches)	<i>G"</i>	6"	67	4"	4"	
Density Count	472	460	490	804	764	
Wet Density (P.C.F.)	150.3	154.4	150.1	151	152.8	
Moisture Count	92	87	88	77	64	
Dry Density (P.C.F.)	1385	140.5	137.4	136.2	139.6	
Moisture (P.C.F.)	11,8	13.9	12.3	14,8	13.2	
Moisture (%)	8.5	9,9	9.0	10.9	9.5	
Proctor Density (P.C.F.)	142.2		>			
Optimum Moisture (%)	8.3		>			
% Compaction	97.4	98.8	96.6	95.8	98.2	
Moisture Correction						

REMARKS:

INSPECTOR

(3) 43

DATE: 4-3-07

CLIENT - Sevenson -

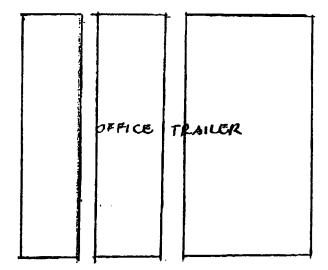
PROJECT - Cornell Dubiler

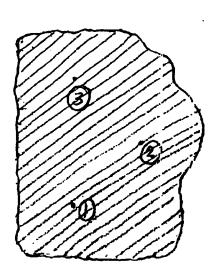
.. Superfund site

G-238 - Jot#

Contr - Sevenson

CLUSTER 12
OIL TANK
AREA CA
lift





CLUSTER 11 Bldg 14-

TRAMONI	TTAL OF SHOP DRAWINGS, EQUIP	MENT DATA MA	TERIAL START ER OF	DATE					
TRAIL MITTAL OF SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE					TO THOMAS INC. NO.				
	(Read instructions on the reverse s	ide prior to initiating th		l	04/19/200	7	02742-51		
	SECTION I - REQUEST	FOR APPROVAL	OF THE FOLLOWING ITEMS				<u>}</u>		
TO: Environmental I				(This se	ction will be i	nitiated by the			
US Army Corps	of Engineers	Sevenson	Environmental Services Inc.	CONTRAC	TNO.		CHECK ONE		
214 State Highy		2749 Lockp		W91	2DQ-04-D-00	23 0007	I A 21 SHT	LEW TRANS	MITTAL
East Brunswick	C NJ 08816	Niagara Fall	s, NY 14305	ĺ			THIS IS A F	RESUBMITTA	L OF
transmittai)	NO. (Cover only one section with each 02742	PROJECT TITLE AN	LOCATION				TRANSMIT		
ITEM	DESCRIPTION OF ITEM SUBMITTE	Comell-Du	bilier Electronics OU-2 Demo 333 Hami	iton Bouleva	ard, SP. NJ 07	7080	CHECK ONE: TI	IIS TRANSMI	TTAL IS
NO.	(Type size, model number/etc.)	•	MFG OR CONTR.	NO.	CONTRACT	REFERENCE	FOR	VARIATION	CR FOR
			CAT., CURVE DRAWING OR	COPIES		UMENT	CONTRACTOR USE CODE	(See	CE
a.	_		BROCHURE NO. (See instruction no. 8)		SPEC. PARA NO.	DRAWING SHEET NO.	COECODE	No. 6)	CODE
	Density for Budg 14, Oil Tank		с.	d.	е.	1.	g.	h.	1.
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REMARKS				<u> </u>	I mandide the state				
				1	in detail and a	ere correct and	ted items have b n the strict confe cations except a	rmance with	the
					M		ON ZAM	ng reserva	
		850-				NAME AND SIGN	ATURE OF CONT	RACTOR	
NCLOSURES RETURN	ED (List by item No.)		N II - APPROVAL ACTION						
	- (all a) main radio	NA NA	ME TITLE AND SIGNATURE OF APPRO	OVING AUT	HORITY	'	DATE		
									•
							Ī		- 1
IC FORM 4005 TO T							l		j
IG FORM 4025, MAR	95 (ER 415-1-10)	E	DITION OF SEP 93 IS OBSOLETE.		SHEET 1 OF	1			

(Proponent CEMP-CE)

SOR TESTING LABORATORIES, INC.

SOR TESTING LABS

Geotechnical Engineering - Materials Testing - Forensic Studies 98 Sand Park Rd., Cedar Grove, NJ 07009 (973) 239-6001 Fax (973) 239-8380

Branch Office: New Brunswick, NJ [732] 247-4481

Kamil Sor. Ph.D. Orhun Sor, P.E. Peter G. Micklus, P.E. Yilmoz Arhan, Ph.D. Kenneth Rowbothom, P.E.

This report is the confidential property of the Client, and Information contained may not be published or raproduced without our written permission.

Client:	Sevenson Er	vironmental Services	
Project:		er, G-238, 333 Hamilton Boulevard	South Plainfield N.I.
Subject:	Observation a	and Testing of Asphalt Paving	, coderr lairnieid, NJ
Job No.:	06-593	Report No.: 07-1303	Date: 4/16/2007

At the client's request, on April 11, 2007, our technician reported to the project site to observe the paving operations and perform the in-place density tests.

Placement of top coarse materials designated at MABC I-4 was observed in tow separate locations, Cluster 11 Building 14 and Cluster 12 Oil Tank Area. About 3"± high of material is placed in two separate locations for temporary pavement for parking area. It was compacted with mid side double drum vibratory roller. The mix temperature measured at 294°F to 311°F at laydown temperature at 48°F. Nuclear density test was performed as the job progressed. All test results, are indicated in test data sheets including the sketch for point of test locations. About 198.5 tons are used to complete the job.

Technician: Winnie Capuno

Very truly yours,

SOR TESTING LABORATORIES, INC.

Kamil Sor, Ph. D.

President

KS/Is

Attachments

cc: (1) Client, Attn: Ken Lickfield

Fax: 716-284-7645

	•
	4
	(4)
D.	A.

SOR TESTING LABORATORIES, INC. Nuclear Density Test Data - Asphalt

Sheet	of	
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Client: Sevenson Date: 4-11-07 Daily Standard Count:

Project: Cornell Dubilier Superfund Site Job No.: 06-573 Density: ____ Moisture: ____

				T	7	7					
	2	3	4	6	4	7	8	9	10		(2)
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			FINA		Gr	ADE					
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155.2-		~	m (r. , terresana)						··-··->		
8.1	7.8	6.0	7.2	6.7	8.60	д. д	4.7	<i>F.</i> 6			~~~~
96.1	96.4	98.2									7.4
				<u> </u>		- 117	1110	78.4	766	78./	96.5
	155.2 - 8.1	BS BS 149.1 149.6 162.3 155.2 8.1 7.8	BS BS B3 149.1 149.6 152.5 162.3	CINSIDE CLUSTON RANDOM TEST SEE FINAL BS BS BS 149.1 149.6 152.5 150.6 162.3 155.2 8.1 7.8 6.0 7.2	CLUSTUR B RANDOM TEST SEE THE S FINAL BS BS BS BS 149.1 149.6 152.5 150.6 152.7 162.3	CINSIDE CLUSTER II B dq 14 RANDOM TEST SEE THE EXEICH	CINSIDE CLUSTER II B dq 14 Area) -	CINSIDE CLUSTER B dq 4723)	INSIDE CLUSTER B dq 4 422)	(INSIDE CLUSTER II B dq 14 Area) - INSIDE COIL TY RANDOM TEST SEE THE SEETCH AFFATCH FOR POINT OF BS BS B9 BS BS BS BS BS BS BS BS 149.1 149.6 152.5 150.6 152.2 148.2 154.2 151.5 182.7 150 155.2	CINSIDE CLUSTER B dq 14 Area)

REMARKS: MIXED USED MABC I-4, ASPIVLT MIX TEMP 2949 to 311 OP

MAX = 162.3 lbs/ft Morehal 155.2 AIR VOIDS 4.4% > Supplier by Phat Q/A

TOTAL TONNAGE USED = 198.5 tors

Technician: Wynai B. Capan

Apr 15 07 10:00p

(F) of 7

DATE . 4-11-07

CLIENT - Sevenson -

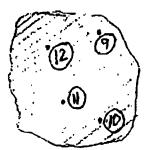
PROJECT - Cornell Dubilier

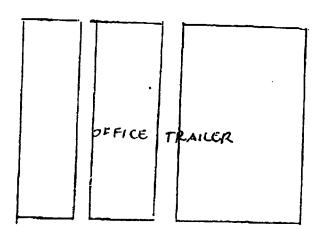
Superfund site

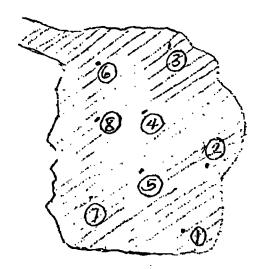
G-238 - Job#

Confr - Sovenson

CLUSTER 12 OIL TANK AREA







CLUSTER II BILLY 14

Appendix I

Demolition Permit



B. BUILDING CHARACTERISTICS

Present

Proposed _____

Use Group

BUILDING SUBCODE **TECHNICAL SECTION**



908-756-4761 Fire TUE **Date Received**

Control #

Date Issued Permit # A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING C. CERTIFICATION IN LIEU OF DATH CONTRACTORS. NOTIFY THIS OFFICE, CALL LITILITY DIG NO: 1-800-272-1000 I hereby certify that I am the (agent of) owner of record and am authorized to make this application. Qualification Code _ Work Site Location 333 Ham. Itor Blud South Place Field NJ Signature Owner in Fee: USACE D. TECHNICAL SITE DATA Tel. (732) 846-5830 e-mail DESCRIPTION OF WORK Address 333 HAMILTON Blud South Plainfied NJ 07080 Demolition of AN Contractor: SEVENSON ENVIRUNTENTIL ABOVE Ground oil TANK Address 26 Rustic Mall, Many. 1/h No 08835 MBRA 973 Paol. Lum Contractor License No. or Builder Registration No. ____ Exp. Date ____ Home Improvement Contractor Registration No. or Exemption Reason (if applicable): Size 27' DIAMETER x 30' High FAX: (908) 243 .0320 JOB SUMMARY (Office Use Only) PLAN BEVIEW 0.1 Has been removed - closure Date Initial INSPECTIONS Dates (Month/Day) No Plans Required //-/60% Type: Failure Failure Approval Initial report enclosed [] All Footing Footing Bonding [] Footing Foundation 1 Foundation TYPE OF WORK Slab FEE (Office Use Only) Frame [] New Building Frame Other] Addition Truss Sys./Bracing Joint Plan Review Required: Barrier-Free Rehabilitation [] Elec. [] Plumb. [] Fire [] Elevator Insulation [] Roofing Finishes -Base Layer Siding SUBCODE APPROVAL Finishes -Final Fence Height (exceeds 6') [] CO [] CA Energy Sa. Ft. Date: Mechanical Pool TCO Approved by: _ Retaining Wall ____ Other Asbestos Abatement Subchapter 8 Final Lead Haz. Abatement NJAC 5:17 Barrier-Free Radon Remediation

Consta Class D			I. TTOIK:	Demolition	}	
Constr. Class Present	Proposed	1. New Bldg.	•	7 4		
No. of Stories 3			Φ			
		2. Rehabilitation	*			
Height of Structure		4. Monabilitation	Ψ		Administrative Surcharge	•
	Pt.	3. Total (1+ 2)	\$		Administrative Surcharge	
Area — Largest Floor 9	S- C	o. 10ta/(1. 2)	· · · · · · · · · · · · · · · · · · ·		Minimum Fee	
	Sq. Ft.					
New Bleg. Area/All Floors	Sq. Ft.				State Permit Surcharge Fee	
					ame . Short Conclude Lee	·
Volume of New Structure	Cu. Ft.				TOTAL FEE	•
· .]	Su. Ft.				1 ,0,000,000	·

Est. Cost of Bldg. Work:

Other

Demolition

Appendix J

Photographs

Table 1

Disposal Facilities

Asbestos Disposal:

Minerva Enterprises, LLC 8955 Minerva Road P.O. Box 709 Waynesburg, Ohio 44688

Non-hazardous Debris Disposal:

Solid Waste Services / Pioneer Crossing Landfill 2650 Audubon Road Audubon, PA 19403

Hazardous Waste Disposal:

CWM Chemical Services, LLP 1550 Balmer Road Model City, NY 14107